


科頓聚合物橡膠化學抵抗索引

Maxmold Polymer Co.,Ltd Fluid Compatibility Guide

	英文商品名 Product Name	AKRON	KATON	KATON	OIL	COLD	SOLVENT	KATON	SAFE	OZONE	Butyl	NeopreneR	Urethane	Teflon®	Styrene-Butadiene	Natural Rubber	Acrylic Rubber	Ethylene-Acrylic	
	中文學名 Scientific Name	全氟化橡膠	高氟氟素橡膠	一般氟素橡膠	丁晴橡膠	氫化丁腈橡膠	三元乙丙膠	氟素抗鹼橡膠	矽橡膠	氟矽橡膠	丁基橡膠	氯丁橡膠	氨基甲酸乙酯橡膠	聚四氟乙稀	丁苯橡膠	天然橡膠	丙烯酸酯橡膠	乙炔丙酸橡膠	
	國際標準 ASTM D1418 designations	FFKM	FEPM-E	FK1 FK2 FK3	NBR	HNBR	EPDM	FEPM-P FK5	VQM	FVQM	IIR	CR	AU	PTFE	SBR	NR	ACM	AEM	
	成本等級 Cost level	1	2	3	5	3	5	2	4	2	4	5	3	3	5	4	3	4	
	建議使用等級Media / Chemical Data	1 = Excellent (<10% Swell) 2 = Good (10-20% Swell) 3 = Poor (20-40% Swell) 4 = Not Recommended - = Insufficient Data																	
相對基礎成本Basic Relative Cost	1 = Very high cost非常高價 2 = high cost 高價 3 = Median price 中價格 4 = General price 一般價格 5 = Low price 低價																		
硫酸二乙酯	DIETHYL SULFATE	1	4	3	4	4	1	2	2	-	-	4	-	-	-	-	-	-	
二乙胺	DIETHYLAMINE	1	4	4	2	2	2	4	2	4	1	4	4	1	4	4	4	-	
二乙基苯胺	DIETHYLANILINE	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-	
二乙苯	DIETHYLBENZENE	1	1	1	4	4	4	3	4	3	-	4	-	-	-	-	-	-	
二甘醇	DIETHYLENE GLYCOL	1	1	1	1	1	1	1	2	1	1	1	4	1	1	1	2	-	
二乙二醇丁醚	DIETHYLENE GLYCOL BUTYL ETHER	1	2	3	4	-	1	2	4	4	-	-	-	-	-	-	-	-	
鄰苯二甲酸二辛酯	DIETHYLHEXYL PHTHALATE	1	1	2	4	-	2	2	3	2	-	-	-	-	-	-	-	-	
癸二酸二辛酯	DIETHYLHEXYL SEBACATE	1	1	1	4	-	2	1	3	3	-	-	-	-	-	-	-	-	
二氟二溴乙烷	DIFLUORO DIBROMOETHANE	1	1	-	4	4	2	2	4	-	2	4	4	-	4	4	4	-	
二氟乙烷	DIFLUOROETHANE	1	1	4	2	2	4	-	-	2	4	4	3	-	4	4	4	-	
二氟甲烷	DIFLUOROCHLOROMETHANE	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-	
二甘醇氯甲酸	DIGLYCOL CHLOROFORMATE	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-	
二甘醇酸	DIGLYCOLIC ACID	1	1	1	2	2	1	-	2	1	1	2	4	1	1	1	4	-	
鄰苯二甲酸二己	DIHEXYL PHTHALATE	2	-	4	4	4	-	-	-	-	-	4	-	1	4	4	-	-	
二羥基砒	DIHYDROXYDIPHENYL SULFONE	1	2	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-	
二異丁基酮	DIISOBUTYL KETONE	1	2	4	4	4	1	1	-	-	1	4	-	1	4	2	-	-	
二異丁基甲醇	DIISOBUTYL CARBINOL	1	1	1	1	1	4	-	2	1	4	2	1	-	4	4	1	-	
二異丁烯	DIISOBUTYLENE	1	1	1	2	2	4	2	4	3	4	4	4	-	4	4	4	-	
癸二酸二異辛酯	DIISOCTYL SEBACATE	1	1	2	3	3	3	2	3	3	4	4	4	-	4	4	4	-	
二異丙醚	DIISOPROPYL ETHER	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
二異丙基酮	DIISOPROPYL KETONE	1	3	4	4	4	1	2	4	4	1	4	4	-	4	4	4	-	
二異丙苯	DIISOPROPYLBENZENE	1	1	1	4	2	4	-	-	2	4	4	3	-	4	4	4	-	
異丙叉丙酮	ISOPROPYLIDENE ACETONE	1	3	4	4	2	3	-	4	4	4	4	3	-	4	4	4	-	
二甲基乙酰胺	DIMETHYL ACETAMIDE	1	3	4	3	3	1	-	2	1	1	1	4	-	1	1	4	-	
二甲基苯胺	DIMETHYL ANILINE	1	2	4	2	2	4	-	-	2	4	4	3	-	4	4	4	-	
二甲基二硫	DIMETHYL DISULFIDE	1	1	1	1	1	4	-	2	1	4	2	1	-	4	4	1	-	
二甲醚	DIMETHYL ETHER	1	3	4	4	4	4	4	1	1	1	4	-	1	4	2	-	-	
二甲基甲醛	DIMETHYL FORMALDEHYDE	1	3	4	3	3	1	-	2	1	1	1	4	-	1	1	4	-	
二甲基甲酰胺	DIMETHYL FORMAMIDE	1	2	4	3	3	2	3	2	4	2	4	4	1	4	2	4	-	
二甲肼	DIMETHYL HYDRAZINE	1	2	4	3	3	1	-	2	1	1	1	4	-	1	1	4	-	
二甲基苯甲醇	DIMETHYL PHENYL CARBINOL	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-	
二甲基苯甲醇	DIMETHYL PHENYL METHANOL	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-	
鄰苯二甲酸二甲酯	DIMETHYL PHTHALATE	1	1	2	4	4	2	2	-	2	2	4	4	1	4	4	4	4	
二甲亞砒	DIMETHYL SULFOXIDE	1	3	4	3	3	1	2	2	1	1	1	4	-	1	1	4	-	
對苯二甲酸二甲酯	DIMETHYL TEREPHTHALATE	1	1	2	2	2	4	-	-	2	4	4	3	-	4	4	4	-	
二甲胺	DIMETHYLAMINE	2	1	4	4	4	1	2	2	4	1	4	3	1	4	4	4	-	
二甲基苯胺	DIMETHYLANILINE	1	4	4	3	-	2	-	4	4	-	-	-	-	-	-	-	-	
二甲醚	DIMETHYLETHER	1	-	4	4	4	4	4	-	-	-	3	-	-	-	-	-	-	
二硝基氯苯	DINITROCHLOROBENZENE	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-	
四氧化二氮	DINITROGEN TETROXIDE	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	


科頓聚合物橡膠化學抵抗索引

Maxmold Polymer Co.,Ltd Fluid Compatibility Guide

	英文商品名 Product Name	AKRON	KATON	KATON	OIL	COLD	SOLVENT	KATON	SAFE	OZONE	Butyl	NeopreneR	Urethane	Teflon®	Styrene-Butadiene	Natural Rubber	Acrylic Rubber	Ethylene-Acrylic
	中文學名 Scientific Name	全氟化橡膠	高氟氟素橡膠	一般氟素橡膠	丁晴橡膠	氫化丁腈橡膠	三元乙丙膠	氟素抗鹼橡膠	矽橡膠	氟矽橡膠	丁基橡膠	氯丁橡膠	氨基甲酸乙酯橡膠	聚四氟乙烯	丁苯橡膠	天然橡膠	丙烯酸酯橡膠	乙丙二烯橡膠
	國際標準 ASTM D1418 designations	FFKM	FEPM-E	FK1 FK2 FK3	NBR	HNBR	EPDM	FEPM-P FK5	VQM	FVQM	IIR	CR	AU	PTFE	SBR	NR	ACM	AEM
	成本等級 Cost level	1	2	3	5	3	5	2	4	2	4	5	3	3	5	4	3	4
	建議使用等級Media / Chemical Data	1 = Excellent (<10% Swell) 2 = Good (10-20% Swell) 3 = Poor (20-40% Swell) 4 = Not Recommended - = Insufficient Data																
相對基礎成本Basic Relative Cost	1 = Very high cost非常高價 2 = high cost 高價 3 = Median price 中價格 4 = General price 一般價格 5 = Low price 低價																	
二硝基甲苯	DINITROTOLUENE	1	3	4	4	4	4	4	4	4	4	4	4	-	4	4	4	-
二壬鄰苯二甲酸酯	DINONYL PHTHALATE	2	-	4	4	4	-	-	-	-	4	-	1	4	4	-	-	
鄰苯二甲酸二辛酯	DIIOCTYL PHTHALATE	1	1	1	4	4	2	2	3	2	4	4	1	4	4	4	-	
癸二酸二辛酯	DIIOCTYL SEBACATE	1	1	1	4	4	2	2	3	3	2	4	2	1	4	4	4	-
二乙胺	DIETHYLAMINE	1	1	1	1	1	4	-	2	1	4	2	1	-	4	4	1	-
二氧六環	DIOXANE	1	3	4	4	4	2	4	4	4	2	4	4	1	2	2	4	-
二噁烷	DIOXOLANE	1	3	4	4	4	2	4	4	4	3	4	4	-	4	4	4	-
雙戊烯	DIPENTENE	1	1	1	2	2	4	3	4	3	4	4	4	1	4	4	4	-
二苯基	DIPHENYL	1	1	1	4	4	4	2	4	2	4	4	4	1	4	4	4	-
二苯基氧化物	DIPHENYL OXIDES	1	1	1	4	4	4	2	3	2	4	4	4	1	4	4	4	-
二苯胺	DIPHENYLAMINE	1	2	4	2	2	4	-	-	2	4	4	3	-	4	4	4	-
二苯基丙烷	DIPHENYLPROPANE	1	1	2	2	2	4	-	-	2	4	4	3	-	4	4	4	-
二矽烷	DISILANE	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
十二烷基苯	DODECYLBENZENE	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-
道康寧ET378	DOW CHEMICAL 50-4	2	3	4	3	3	1	4	-	4	2	2	-	-	1	-	-	-
道康寧 50-5	DOW CHEMICAL ET378	2	3	3	4	4	3	3	4	-	4	4	2	-	4	4	3	-
道康寧ET588	DOW CHEMICAL ET588	2	3	4	3	3	1	4	-	4	2	2	-	-	1	-	-	-
道康寧 11	DOW CORNING 11	1	1	1	1	2	1	1	3	1	1	1	1	-	1	1	1	-
道康寧 1208 · 4050 · 6620 · F-60 · XF-60	DOW CORNING 1208, 4050, 6620, F-60, XF-60	1	1	1	1	1	1	1	1	-	-	1	-	-	-	-	-	-
道康寧 1265 氟流體	DOW CORNING 1265 FLUOROSILICONE FLUID	1	1	1	2	2	1	1	1	3	1	1	1	-	1	1	1	-
道康寧 200	DOW CORNING 200	1	1	1	1	2	1	1	3	2	1	1	1	-	1	1	1	-
道康寧 220	DOW CORNING 220	1	1	1	1	1	1	1	-	-	-	1	-	-	-	-	-	-
道康寧 3	DOW CORNING 3	1	1	1	1	2	1	1	3	1	1	1	1	-	1	1	1	-
道康寧 33	DOW CORNING 33	1	1	1	1	2	1	1	3	2	1	1	1	-	1	1	1	-
道康寧 4	DOW CORNING 4	1	1	1	1	2	1	1	3	1	1	1	1	-	1	1	1	-
道康寧 44	DOW CORNING 44	1	1	1	1	2	1	1	3	2	1	1	1	-	1	1	1	-
道康寧 5	DOW CORNING 5	1	1	1	1	2	1	1	3	2	1	1	1	-	1	1	1	-
道康寧 510	DOW CORNING 510	1	1	1	2	2	1	1	3	2	1	1	1	-	1	1	1	-
道康寧 55	DOW CORNING 55	1	1	1	1	2	1	1	3	2	1	1	1	-	1	1	1	-
道康寧 550	DOW CORNING 550	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1
道康寧 704	DOW CORNING 704	1	1	1	2	2	1	-	3	2	1	1	1	-	1	1	1	-
道康寧 705	DOW CORNING 705	1	1	1	2	2	1	1	3	2	1	1	1	-	1	1	1	-
道康寧 710	DOW CORNING 710	1	1	1	2	2	1	1	3	2	1	1	1	-	1	1	1	-
道康寧 F-60 流體	DOW CORNING F-60 FLUID	1	1	1	1	1	1	1	4	1	1	1	1	-	1	1	1	-
道康寧 F-61 流體	DOW CORNING F-61 FLUID	1	1	1	1	1	1	1	4	1	1	1	1	-	1	1	1	-
道康寧密封膠	DOW GUARD	1	1	1	1	1	1	1	1	1	1	3	-	1	1	3	-	
209 聯苯	DOWTHERM 209	1	1	1	3	3	1	1	3	3	2	2	-	-	-	-	-	-
聯苯A	DOWTHERM A	1	1	1	4	4	4	2	4	2	4	4	4	1	4	4	4	-
聯苯E	DOWTHERM E	1	1	1	4	4	4	1	4	2	4	4	4	-	4	4	4	-
飲用水	DRINKING WATER	1	1	1	1	1	1	1	1	1	1	2	4	-	1	4	-	-

科頓聚合物橡膠化學抵抗索引

Maxmold Polymer Co.,Ltd Fluid Compatibility Guide

	英文商品名 Product Name	AKRON	KATON	KATON	OIL	COLD	SOLVENT	KATON	SAFE	OZONE	Butyl	NeopreneR	Urethane	Teflon®	Styrene-Butadiene	Natural Rubber	Acrylic Rubber	Ethylene-Acrylic	
	中文學名 Scientific Name	全氟化橡膠	高氟氟素橡膠	一般氟素橡膠	丁睛橡膠	氫化丁腈橡膠	三元乙丙膠	氟素抗鹼橡膠	矽橡膠	氟矽橡膠	丁基橡膠	氯丁橡膠	氨基甲酸乙酯橡膠	聚四氟乙稀	丁苯橡膠	天然橡膠	丙烯酸酯橡膠	乙丙橡膠	
	國際標準 ASTM D1418 designations	FFKM	FEPM-E	FK1 FK2 FK3	NBR	HNBR	EPDM	FEPM-P FK5	VQM	FVQM	IIR	CR	AU	PTFE	SBR	NR	ACM	AEM	
	成本等級 Cost level	1	2	3	5	3	5	2	4	2	4	5	3	3	5	4	3	4	
	建議使用等級Media / Chemical Data	1 = Excellent (<10% Swell) 2 = Good (10-20% Swell) 3 = Poor (20-40% Swell) 4 = Not Recommended - = Insufficient																	
相對基礎成本Basic Relative Cost	1 = Very high cost非常高價 2 = high cost 高價 3 = Median price 中價格 4 = General price 一般價格 5 = Low price 低價																		
乾洗液	DRY CLEANING FLUIDS	2	1	1	3	3	4	3	4	2	4	4	4	-	4	4	4	-	
美孚DTE 20系列	DTE 20 SERIES	1	1	1	2	2	4	2	4	2	4	1	1	-	-	2	2	-	
美孚DTE輕油	DTE LIGHT OIL	1	1	1	1	1	4	1	3	1	4	2	1	-	4	3	-	-	
美孚ELCO 28 - EP潤滑油	ELCO 28-EP LUBRICANT	1	1	1	1	1	4	1	2	1	4	3	1	-	4	4	1	1	
發動機油	ENGINE OILS	1	-	1	1	1	4	-	2	1	4	2	2	1	4	4	1	-	
環氧氯丙烷	EPICHLOROHYDRIN	1	3	4	4	4	2	4	4	4	2	4	4	1	4	4	4	-	
環氧樹脂	EPOXY RESINS	1	2	4	3	3	1	2	-	-	1	1	-	-	-	-	-	-	
流體ESAM - 6	ESAM-6 FLUID	1	2	4	4	4	1	4	-	4	2	2	-	-	1	-	-	-	
精油	ESSENTIAL OILS	1	-	2	4	4	4	-	-	-	4	4	-	1	4	4	-	-	
埃索紐瑞ESSO燃油208	ESSO FUEL 208	1	1	1	1	1	4	1	4	1	4	2	4	-	4	4	1	-	
埃索汽油	ESSO GOLDEN GASOLINE	1	1	1	2	2	4	3	4	1	4	4	4	-	4	4	4	-	
埃索汽車機油	ESSO MOTOR OIL	1	1	1	1	1	4	1	4	1	4	3	4	-	4	4	1	-	
埃索ESSOA型變速箱油液	ESSO TRANSMISSION FLUID, TYPE A	1	1	1	1	1	4	1	4	1	4	2	3	-	4	4	1	-	
埃索WS2812	ESSO WS2812	1	1	1	1	1	4	1	4	1	4	4	4	-	4	4	2	-	
埃索XP90 - EP潤滑油	ESSO XP90-EP LUBRICANT	1	1	1	1	1	4	1	4	1	4	2	1	-	4	4	1	-	
埃索ESSTIC 42, 43	ESSTIC 42, 43	1	1	1	1	1	4	1	4	1	4	2	2	-	4	4	1	-	
乙醛	ETHANAL	2	4	4	4	3	2	4	2	4	2	3	4	1	3	2	4	-	
乙烷	ETHANE	1	1	1	1	1	4	-	4	2	4	2	1	1	4	4	1	-	
乙硫醇	ETHANETHIOL	1	1	2	4	-	3	-	3	-	-	-	-	-	-	-	-	-	
乙醇	ETHANOL	1	1	3	3	3	1	1	2	1	1	1	4	1	1	1	4	-	
乙醇與醋酸，	ETHANOL WITH ACETIC ACID,	1	-	-	4	4	1	-	-	-	1	4	-	1	1	1	-	-	
發酵混合物	FERMENTATION MIXTURE	1	-	-	4	4	1	-	-	-	1	4	-	1	1	1	-	-	
乙醇胺	ETHANOLAMINE	1	3	4	4	2	2	-	2	4	2	2	3	-	2	2	4	-	
醚	ETHERS	1	3	4	4	4	4	4	4	3	4	4	2	-	4	4	3	-	
乙二醇乙醚醋酸酯	ETHOXYETHYL ACETATE	1	2	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-	
乙酸乙酯	ETHYL ACETATE	1	3	4	4	4	2	4	2	4	4	4	4	1	4	4	4	-	
乙酰乙酸乙酯	ETHYL ACETOACETATE	1	3	4	4	4	2	4	2	4	2	4	4	-	3	3	4	1	
丙烯酸乙酯	ETHYL ACRYLATE	1	3	4	4	4	2	3	2	4	2	4	4	1	4	4	4	-	
乙醇	ETHYL ALCOHOL	1	1	2	1	3	1	1	2	1	1	1	4	1	1	1	4	-	
乙苯	ETHYL BENZENE	1	1	1	4	4	4	3	4	1	4	4	4	1	4	4	4	-	
苯甲酸乙酯	ETHYL BENZOATE	1	1	1	4	4	4	3	4	1	4	4	4	1	4	4	4	-	
溴乙烷	ETHYL BROMIDE	1	1	1	2	2	4	1	-	1	4	4	-	-	-	4	-	-	
乙基溶劑	ETHYL CELLOSOLVE	1	2	4	4	4	2	-	4	4	2	4	4	-	4	4	4	-	
乙基纖維素	ETHYL CELLULOSE	1	3	4	2	2	2	-	3	4	2	2	2	1	2	2	4	-	
氯乙烷	ETHYL CHLORIDE	1	1	1	1	1	2	2	4	1	2	2	2	1	2	2	3	4	
氯甲酸乙酯	ETHYL CHLOROCARBONATE	1	1	1	4	4	4	2	4	2	4	4	4	1	4	4	4	-	
氯甲酸乙酯	ETHYL CHLOROFORMATE	1	1	4	4	4	2	-	4	4	3	4	4	-	4	4	4	-	
乙基氰	ETHYL CYANIDE	1	3	4	1	-	4	1	-	-	-	-	-	-	-	-	-	-	
乙基環戊烷	ETHYL CYCLOPENTANE	1	1	1	1	1	4	2	4	1	-	3	-	-	-	-	-	-	
乙基二溴化物	ETHYL DIBROMIDE	1	1	1	4	4	3	2	-	-	-	4	-	-	-	-	-	-	

科頓聚合物橡膠化學抵抗索引

Maxmold Polymer Co.,Ltd Fluid Compatibility Guide

英文商品名 Product Name	AKRON	KATON	KATON	OIL	COLD	SOLVENT	KATON	SAFE	OZONE	Butyl	NeopreneR	Urethane	Teflon®	Styrene-Butadiene	Natural Rubber	Acrylic Rubber	Ethylene-Acrylic	
中文學名 Scientific Name	全氟化橡膠	高氟氟素橡膠	一般氟素橡膠	丁晴橡膠	氫化丁腈橡膠	三元乙丙膠	氟素抗鹼橡膠	矽橡膠	氟矽橡膠	丁基橡膠	氯丁橡膠	氨基甲酸酯橡膠	聚四氟乙稀	丁苯橡膠	天然橡膠	丙烯酸酯橡膠	乙炔丙酸橡膠	
國際標準 ASTM D1418 designations	FFKM	FEPM-E	FK1 FK2 FK3	NBR	HNBR	EPDM	FEPM-P FK5	VQM	FVQM	IIR	CR	AU	PTFE	SBR	NR	ACM	AEM	
成本等級 Cost level	1	2	3	5	3	5	2	4	2	4	5	3	3	5	4	3	4	
建議使用等級Media / Chemical Data	1 = Excellent (<10% Swell) 2 = Good (10-20% Swell) 3 = Poor (20-40% Swell) 4 = Not Recommended - = Insufficient																	
相對基礎成本Basic Relative Cost	1 = Very high cost非常高價 2 = high cost 高價 3 = Median price 中高價格 4 = General price 一般價格 5 = Low price 低價																	
乙基二氯	ETHYL DICHLORIDE	1	1	1	4	4	3	1	-	-	-	4	-	-	-	-	-	
乙醚	ETHYL ETHER	1	3	4	4	4	3	4	4	4	3	4	4	1	4	2	4	3
甲酸乙酯	ETHYL FORMATE	2	1	1	4	4	2	1	-	1	2	2	-	1	4	4	-	-
乙基己醇	ETHYL HEXANOL	1	1	1	1	1	1	-	2	1	1	1	4	1	1	1	4	1
乳酸乙酯	ETHYL LACTATE	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
乙硫醇	ETHYL MERCAPTAN	1	1	2	4	4	-	-	3	-	4	3	1	1	4	4	-	-
亞硝酸乙酯	ETHYL NITRITE	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
乙基草酸	ETHYL OXALATE	1	1	1	4	4	1	-	4	2	4	4	1	1	4	4	4	-
乙基五氯苯	ETHYL PENTACHLOROBENZENE	1	1	1	4	4	4	-	4	2	4	4	4	1	4	4	4	-
乙基吡啶	ETHYL PYRIDINE	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-
矽酸乙酯	ETHYL SILICATE	1	1	1	1	1	1	-	4	1	1	1	4	1	2	2	-	-
硬脂酸乙酯	ETHYL STEARATE	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-
硫酸二乙酯	ETHYL SULFATE	1	1	4	4	4	1	1	-	-	-	4	-	-	-	-	-	-
乙基叔丁基醚	ETHYL T-BUTYL ETHER	1	1	1	3	3	3	2	-	-	-	3	-	-	-	-	-	-
乙基戊酸	ETHYL VALERATE	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-
甲基丙烯酸	METHYLACRYLIC ACID	-	-	-	4	4	2	-	4	4	2	2	4	-	4	4	4	-
乙胺	ETHYLAMINE	1	4	4	3	3	1	-	2	1	1	1	4	-	1	1	4	-
乙烯	ETHYLENE	1	1	1	1	2	2	-	4	1	4	4	4	1	4	4	4	-
氯化乙烯	ETHYLENE CHLORIDE	1	1	2	4	2	4	-	4	2	2	2	2	1	2	2	4	-
乙烯氯醇	ETHYLENE CHLOROHYDRIN	1	1	1	4	4	2	1	3	2	2	2	4	-	2	2	4	-
乙烯氰醇	ETHYLENE CYANOHYDRIN	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-
乙二胺	ETHYLENE DIAMINE	2	3	4	4	4	1	2	4	4	1	4	4	1	2	2	4	-
二溴乙稀	ETHYLENE DIBROMIDE	1	1	2	4	4	3	-	4	3	3	4	4	-	4	4	4	-
二氯乙烷	ETHYLENE DICHLORIDE	1	1	1	4	4	3	1	4	3	3	4	4	1	4	4	4	4
乙二醇	ETHYLENE GLYCOL	1	1	1	1	1	1	1	1	1	1	1	4	1	1	4	4	1
乙二醇丁醚	ETHYLENE GLYCOL BUTYL ETHER	1	3	4	3	-	2	3	-	4	-	-	-	-	-	-	-	-
乙二醇丁醚醋酸	ETHYLENE GLYCOL BUTYL ETHER ACETATE	1	3	4	4	-	2	2	2	2	-	-	-	-	-	-	-	-
乙二醇乙醚醋酸	ETHYLENE GLYCOL ETHYL ETHER ACETATE	1	3	4	4	-	2	3	4	4	-	-	-	-	-	-	-	-
乙烯鹽酸	ETHYLENE HYDROCHLORIDE	1	1	1	4	4	3	-	4	3	3	4	4	-	4	4	4	-
環氧乙烷	ETHYLENE OXIDE	1	4	4	4	4	3	4	4	4	3	4	4	1	4	4	4	4
12%環氧乙烷/12·80%氟利昂	ETHYLENE OXIDE, 12% AND FREON 12, 80%	4	4	4	3	3	2	-	4	4	2	4	4	-	4	4	4	-
三氯化乙稀	ETHYLENE TRICHLORIDE	1	1	1	4	4	3	4	4	3	3	4	4	1	4	4	4	4
乙二胺	ETHYLENEDIAMINE	2	3	4	1	-	1	2	1	4	-	-	-	-	-	-	-	-
甲基	METHYLMORPHOLINE	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-
甲基辛酸亞錫	METHYLMORPHOLINE STANNOUS OCTOATE	1	3	4	4	-	2	-	-	-	-	-	-	-	-	-	-	-
硫酸乙酯	ETHYL SULFURIC ACID	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
二氧化碳	CARBON DIOXIDE	1	-	1	1	1	1	-	1	1	1	1	-	1	1	1	1	-
一氧化碳	CARBON MONOXIDE	1	-	1	1	1	1	-	1	1	1	1	1	1	1	1	1	-
氯化氫	HYDROGEN CHLORIDE	1	-	1	2	2	1	-	-	-	1	1	-	1	1	1	-	-
氟化氫	HYDROGEN FLUORIDE	1	-	1	1	1	1	-	-	-	1	1	-	1	1	1	-	-

科頓聚合物橡膠化學抵抗索引

Maxmold Polymer Co.,Ltd Fluid Compatibility Guide

	英文商品名 Product Name	AKRON	KATON	KATON	OIL	COLD	SOLVENT	KATON	SAFE	OZONE	Butyl	NeopreneR	Urethane	Teflon®	Styrene-Butadiene	Natural Rubber	Acrylic Rubber	Ethylene-Acrylic
	中文學名 Scientific Name	全氟化橡膠	高氟氟素橡膠	一般氟素橡膠	丁晴橡膠	氫化丁腈橡膠	三元乙丙膠	氟素抗鹼橡膠	矽橡膠	氟矽橡膠	丁基橡膠	氯丁橡膠	氨基甲酸酯橡膠	聚四氟乙稀	丁苯橡膠	天然橡膠	丙烯酸酯橡膠	乙丙二烯橡膠
	國際標準 ASTM D1418 designations	FFKM	FEPM-E	FK1 FK2 FK3	NBR	HNBR	EPDM	FEPM-P FK5	VQM	FVQM	IIR	CR	AU	PTFE	SBR	NR	ACM	AEM
	成本等級 Cost level	1	2	3	5	3	5	2	4	2	4	5	3	3	5	4	3	4
	建議使用等級Media / Chemical Data	1 = Excellent (<10% Swell) 2 = Good (10-20% Swell) 3 = Poor (20-40% Swell) 4 = Not Recommended - = Insufficient																
相對基礎成本Basic Relative Cost	1 = Very high cost非常高價 2 = high cost 高價 3 = Median price 中價格 4 = General price 一般價格 5 = Low price 低價																	
亞硝酸氣體	NITROUS GASES	1	-	1	-	-	1	-	4	2	2	1	-	1	-	4	4	-
二氧化硫	SULPHUR DIOXIDE	1	-	1	2	2	1	-	-	-	1	1	-	1	2	2	-	-
硫酸	SULPHURIC ACID	1	-	1	4	4	1	-	-	-	1	2	-	1	2	2	-	-
FAM測試燃料DIN 51 604 - A	FAM TEST FUELS DIN 51 604-A	1	-	1	2	2	4	-	4	1	4	4	1	1	4	4	-	-
FAM測試燃料DIN 51 604 - C	FAM TEST FUELS DIN 51 604-C	1	-	-	4	4	4	-	4	2	4	4	4	1	4	4	4	-
脂肪酸	FATTY ACIDS	1	1	1	2	2	3	1	3	-	3	2	-	1	4	4	-	-
脂肪醇	FATTY ALCOHOL	1	-	1	1	1	2	-	1	-	2	1	-	1	2	2	1	-
FC 11 (三氟氯甲烷)	FC 11 (Trichlorofluoromethane)	2	2	2	2	2	4	4	4	2	4	4	-	1	4	4	4	3
FC 112 (1,2-二氯四氫乙烷)	FC 112 (1,2-Difluorotetrachloroethane)	1	1	1	2	2	4	4	4	2	4	2	2	1	4	4	-	-
FC 113 (1,1,2-三氯-1,2,2,2-三氟乙烷)	FC 113 (1,1,2-Trichloro-1,2,2,2-trifluoroethane)	2	2	2	1	1	4	4	4	4	4	1	2	1	2	4	1	3
FC 113和高、低油苯胺	FC 113 AND HIGH & LOW ANILINE OIL	3	3	2	1	1	4	4	-	-	-	2	-	-	-	-	-	-
FC 114 (1,2-二氯四氫乙烷)	FC 114 (1,2-Dichlorotetrafluoroethane)	2	1	1	1	1	1	4	4	2	1	1	1	1	1	1	-	-
FC 114B2 (二溴四氫乙烷)	FC 114B2 (Dibromotetrafluoroethane)	2	2	2	2	2	4	4	4	-	4	1	-	1	4	4	-	-
FC 115 (氯乙烷)	FC 115 (Chloropentafluoroethane)	2	2	2	1	1	1	4	-	-	1	1	-	-	1	1	-	-
FC 116 (六氟乙烷)	FC 116 (Hexafluoroethane)	2	2	2	1	1	1	-	-	-	1	1	-	-	1	1	-	-
FC 12 (二氯二)	FC 12 (Dichlorodifluoromethane)	2	1	2	1	2	2	4	4	4	2	1	1	1	1	2	-	-
FC 12和ASTM油#2號, 50/50混合物	FC 12 AND ASTM OIL #2, 50/50 MIXTURE	1	1	1	2	2	4	4	4	2	4	3	-	-	4	4	-	-
FC 12和SUNISO 4G, 50/50混合物	FC 12 AND SUNISO 4G, 50/50 MIXTURE	1	1	1	2	2	4	-	4	2	4	3	-	-	4	4	-	-
FC 123 (二氯三氟乙烷)	FC 123 (Dichlorotrifluoroethane)	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FC 124 (2-氯-1,1,1,2-四氟乙烷)	FC 124 (2-chloro-1,1,1,2-tetrafluoroethane)	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FC 125 (五氟乙烷)	FC 125 (Pentafluoroethane)	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FC 13 (Chlorotrifluoromethane)	FC 13 (三氟一氯甲烷)	2	1	1	1	2	1	-	4	4	1	1	2	1	1	1	-	-
FC 134A (1,1,1,2-四氟乙烷)	FC 134A (1,1,1,2-tetrafluoroethane)	1	3	4	2	2	1	-	-	-	-	-	-	1	-	-	-	-
FC 13B1 (溴三氟甲烷)	FC 13B1 (Bromotrifluoromethane)	2	2	2	1	1	1	-	4	2	1	1	-	-	1	1	-	-
FC 14 (四氟)	FC 14 (Tetrafluoromethane)	1	1	1	1	1	1	-	4	-	1	1	1	-	1	1	-	-
FC 142b的 (二氟一氯乙烷)	FC 142B (Difluorochloroethane)	2	2	2	2	2	4	4	-	-	-	1	-	-	-	-	-	-
FC 143A (1,1,1-三氟)	FC 143A (1,1,1-Trifluoroethane)	1	1	1	4	-	4	2	4	2	-	-	-	-	-	-	-	-
FC 152A (二氟乙烷)	FC 152A (Difluoroethane)	1	4	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
FC 21 (二氯一氟甲烷)	FC 21 (Dichlorofluoromethane)	1	4	4	4	4	4	-	4	-	4	3	-	1	4	4	-	-
FC 218八氟丙烷	FC 218	2	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
FC 22 (氯氟甲烷)	FC 22 (Chlorodifluoromethane)	1	4	4	4	4	2	-	4	3	1	1	2	1	1	1	2	4
FC 22和ASTM油#2號, 50/50混合物	FC 22 AND ASTM OIL #2, 50/50 MIXTURE	1	1	2	4	4	4	-	4	2	4	2	-	-	4	4	2	-
FC 31	FC 31	2	4	4	4	4	1	-	-	-	1	1	-	1	2	2	-	-
FC 32加氫裂化催化劑	FC 32	1	4	4	1	1	1	4	-	-	1	1	-	1	1	1	-	-
FC 43全氟三丁基胺	FC 43	1	3	1	1	1	1	1	1	1	1	1	-	-	4	-	-	-
FC 502, F22和F316	FC 502, F22 AND F316	2	2	2	2	2	1	-	-	-	1	1	-	-	1	1	-	-
FC 70	FC 70	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FC 75	FC 75	4	2	2	1	1	1	3	1	2	1	1	-	-	4	-	-	-
氟碳FC 77	FC 77, FLUOROCARBON	1	1	2	1	1	1	-	1	2	1	1	-	-	4	-	-	-
FC BF	FC BF	2	1	1	2	2	4	-	4	-	4	2	-	-	4	4	-	-


科頓聚合物橡膠化學抵抗索引

Maxmold Polymer Co.,Ltd Fluid Compatibility Guide

英文商品名 Product Name	AKRON	KATON	KATON	OIL	COLD	SOLVENT	KATON	SAFE	OZONE	Butyl	NeopreneR	Urethane	Teflon®	Styrene-Butadiene	Natural Rubber	Acrylic Rubber	Ethylene-Acrylic	
	中文學名 Scientific Name	全氟化橡膠	高氟氟素橡膠	一般氟素橡膠	丁晴橡膠	氫化丁腈橡膠	三元乙丙膠	氟素抗鹼橡膠	矽橡膠	氟矽橡膠	丁基橡膠	氯丁橡膠	氨基甲酸乙酯橡膠	聚四氟乙烯	丁苯橡膠	天然橡膠	丙烯酸酯橡膠	乙烯丙烯酸橡膠
國際標準 ASTM D1418 designations	FFKM	FEPM-E	FK1 FK2 FK3	NBR	HNBR	EPDM	FEPM-P FK5	VQM	FVQM	IIR	CR	AU	PTFE	SBR	NR	ACM	AEM	
成本等級 Cost level	1	2	3	5	3	5	2	4	2	4	5	3	3	5	4	3	4	
建議使用等級Media / Chemical Data	1 = Excellent (<10% Swell) 2 = Good (10-20% Swell) 3 = Poor (20-40% Swell) 4 = Not Recommended - = Insufficient																	
相對基礎成本Basic Relative Cost	1 = Very high cost非常高價 2 = high cost 高價 3 = Median price 中高價格 4 = General price 一般價格 5 = Low price 低價																	
噻吩乙醯酸	GLYCOXYLIC ACID	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
石油基地油脂	GREASE, PETROLEUM BASE	1	1	1	1	1	4	-	4	1	4	3	1	1	4	4	1	-
船用硫酸酒綠色	GREEN SULFATE LIQUOR	1	1	1	2	2	1	1	1	2	1	2	4	-	2	2	4	-
海灣/船用潤滑脂	GULF CROWN GREASE	1	1	1	1	1	4	1	4	1	4	2	1	-	4	4	1	-
海灣/船用耐力油	GULF ENDURANCE OILS	1	1	1	1	1	4	1	4	1	4	2	1	-	4	4	1	-
海灣/FR流體(乳液)	GULF FR FLUIDS (EMULSION)	1	1	1	1	1	4	1	4	1	4	2	1	-	4	4	1	-
海灣/船用 FR G-流體	GULF FR G-FLUIDS	1	1	1	1	1	1	-	1	1	1	1	2	-	1	1	4	-
海灣/船用 FR P-流體	GULF FR P-FLUIDS	1	1	2	4	4	2	-	1	2	2	4	4	-	4	4	4	-
海灣/ HARMONY油	GULF HARMONY OILS	1	1	1	1	1	4	1	4	1	4	2	1	-	4	4	1	-
海灣船用高溫潤滑脂	GULF HIGH TEMPERATURE GREASE	1	1	1	1	1	4	1	4	1	4	2	1	-	4	4	1	-
海灣/重油	GULF LEGION OILS	1	1	1	1	1	4	1	4	1	4	2	1	-	4	4	1	-
海灣/船用多氯萘油	GULF PARAMOUNT OILS	1	1	1	1	1	4	1	4	1	4	2	2	-	4	4	1	-
海灣/船用安全油	GULF SECURITY OILS	1	1	1	1	1	4	1	4	1	4	2	2	-	4	4	1	-
氟烷	HALOTHANE	2	1	1	4	4	4	1	4	2	4	4	4	-	4	4	4	-
油鹵蠟	HALOWAX OIL	2	1	1	4	4	4	1	4	1	4	4	-	-	4	4	-	-
漢尼芬潤滑油	HANNIFIN LUBE A	1	1	1	1	1	4	1	2	1	4	1	1	-	2	4	1	-
礦物油基取暖油	HEATING OIL, MINERAL-OIL BASED	1	-	1	1	1	4	-	2	1	4	2	1	1	4	4	1	-
重水	HEAVY WATER	1	1	2	1	1	1	1	1	1	1	2	4	-	1	1	4	-
HEF-2 (三烷基戊硼烷)	HEF-2 (Trialkyl pentaborane)	1	1	1	2	2	4	1	4	2	4	4	4	-	4	4	4	-
氦	HELIUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
漢高P3解決方案	HENKEL P3 SOLUTION	1	-	-	1	1	1	-	-	-	1	2	-	1	1	2	-	-
七氯	HEPTACHLOR	1	1	2	2	2	4	-	-	2	4	4	3	-	4	4	4	-
七氯丁烯	HEPTACHLOR BUTENE	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-
庚醛	HEPTALDEHYDE	1	3	4	1	1	4	-	2	1	4	2	1	-	4	4	1	-
庚烷	HEPTANE	1	1	1	1	1	4	3	4	3	4	2	2	1	4	4	1	1
庚酸	HEPTANOIC ACID	1	1	1	1	1	4	-	2	1	4	2	1	-	4	4	1	-
六氯丙酮	HEXACHLOROACETONE	1	4	4	4	3	1	4	2	1	1	1	4	-	1	1	4	-
六氯丁二烯	HEXACHLOROBUTADIENE	1	1	1	4	4	4	-	-	2	4	4	3	1	4	4	4	-
六氯乙烷	HEXACHLOROETHANE	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-
六氯環己烷	HEXACHLOROXYCLOHEXANE	1	-	1	-	-	-	-	-	-	-	-	2	1	4	4	-	-
六氯乙烷	HEXACHLOROETHANE	1	1	2	2	2	4	-	-	2	4	4	3	-	4	4	4	-
十六烷	HEXADECANE	1	1	1	1	-	4	1	4	3	-	-	-	-	-	-	-	-
六氟	HEXAFLUOROETHANE	2	2	2	1	1	1	3	-	-	-	1	-	-	-	-	-	-
正己醛	HEXALDEHYDE	1	3	4	4	4	1	-	2	4	2	4	2	1	4	4	-	-
六亞甲基	HEXAMETHYLENE	1	1	1	1	1	4	-	2	1	4	2	1	-	4	4	1	-
六亞甲基己二酸二鈹	HEXAMETHYLENE DIAMMONIUM ADIPATE	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-
己二胺	HEXAMETHYLENEDIAMINE	2	3	4	3	3	1	-	2	1	1	1	4	-	1	1	4	-
烏洛托品	HEXAMETHYLENETETRAMINE	2	3	4	3	3	1	-	2	1	1	1	4	-	1	1	4	-
己烷	HEXANE	1	1	1	1	1	4	2	4	1	4	2	2	1	4	4	1	1
己烷三醇	HEXANE TRIOL	1	-	1	1	1	1	-	1	1	1	2	-	1	-	-	-	-

科頓聚合物橡膠化學抵抗索引

Maxmold Polymer Co.,Ltd Fluid Compatibility Guide

	英文商品名 Product Name	AKRON	KATON	KATON	OIL	COLD	SOLVENT	KATON	SAFE	OZONE	Butyl	NeopreneR	Urethane	Teflon®	Styrene-Butadiene	Natural Rubber	Acrylic Rubber	Ethylene-Acrylic
	中文學名 Scientific Name	全氟化橡膠	高氟氟素橡膠	一般氟素橡膠	丁晴橡膠	氫化丁腈橡膠	三元乙丙膠	氟素抗鹼橡膠	矽橡膠	氟矽橡膠	丁基橡膠	氯丁橡膠	氨基甲酸乙酯橡膠	聚四氟乙稀	丁苯橡膠	天然橡膠	丙烯酸酯橡膠	乙丙二烯橡膠
	國際標準 ASTM D1418 designations	FFKM	FEPM-E	FK1 FK2 FK3	NBR	HNBR	EPDM	FEPM-P FK5	VQM	FVQM	IIR	CR	AU	PTFE	SBR	NR	ACM	AEM
	成本等級 Cost level	1	2	3	5	3	5	2	4	2	4	5	3	3	5	4	3	4
	建議使用等級Media / Chemical Data	1 = Excellent (<10% Swell) 2 = Good (10-20% Swell) 3 = Poor (20-40% Swell) 4 = Not Recommended - = Insufficient																
相對基礎成本Basic Relative Cost	1 = Very high cost非常高價 2 = high cost 高價 3 = Median price 中高價格 4 = General price 一般價格 5 = Low price 低價																	
FC C316	FC C316	2	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
FC C318 (氟化四乙醇)	FC C318 (Octafluoro-tetraethylene)	2	2	2	1	1	1	4	-	-	1	1	-	1	1	1	-	-
FC K - 142b	FC K-142B	4	4	4	1	1	1	-	-	-	1	1	-	-	1	2	-	-
FC K - 152A	FC K-152A	4	4	4	1	1	1	-	-	-	1	1	-	-	1	1	-	-
FC MF	FC MF	2	2	2	2	2	4	4	4	-	4	4	3	-	4	4	-	-
FC PCA	FC PCA	3	2	2	1	1	4	4	4	-	4	1	1	-	2	4	-	-
FC TA	FC TA	2	3	3	1	-	2	-	3	-	-	-	-	-	-	-	-	-
FC TC	FC TC	2	1	1	1	-	2	-	4	-	-	-	-	-	-	-	-	-
FC TF (1,1,2 - 三氯1 -2,2,2 - 三氟)	FC TF (1,1,2-Trichloro-1,2,2-trifluoroethane)	3	2	2	1	1	2	4	4	4	3	1	-	1	2	4	-	3
FC TMC	FC TMC	2	1	1	2	-	3	-	3	-	-	-	-	-	-	-	-	-
FC T - P35	FC T-P35	2	1	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-
FC T - WD602三氯三氟乙烷	FC T-WD602	2	1	1	2	-	2	-	4	-	-	-	-	-	-	-	-	-
發酵氣體	FERMENTATION GAS	1	-	1	1	1	-	-	1	4	-	1	2	1	4	4	-	-
三價鐵醋酸	FERRIC ACETATE	1	3	4	3	3	1	-	2	1	1	1	4	-	1	1	4	-
鐵銨硫酸	FERRIC AMMONIUM SULFATE	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
三氯化鐵	FERRIC CHLORIDE	1	1	1	1	1	1	1	2	1	1	2	1	-	1	1	1	-
三價鐵氰化鉀	FERRIC FERROCYANIDE	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
氫氧化鐵	FERRIC HYDROXIDE	1	1	1	3	3	1	-	2	1	1	1	4	-	1	1	4	-
硝酸鐵	FERRIC NITRATE	1	1	1	1	1	1	1	3	1	1	1	1	-	1	1	1	-
三價鐵過硫酸鹽	FERRIC PERSULFATE	1	1	1	1	1	1	1	-	-	-	1	-	-	-	-	-	-
硫酸鐵	FERRIC SULFATE	1	1	1	1	1	1	1	2	1	-	1	-	-	-	-	-	-
檸檬酸亞鐵銨	FERROUS AMMONIUM CITRATE	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
硫酸亞鐵銨	FERROUS AMMONIUM SULFATE	1	1	2	3	3	1	-	2	1	1	1	4	-	1	1	4	-
碳酸亞鐵	FERROUS CARBONATE	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
碘化亞鐵	FERROUS IODIDE	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
硫酸亞鐵	FERROUS SULFATE	1	1	1	3	3	1	-	2	1	1	1	4	-	1	1	4	-
酒石酸亞鐵	FERROUS TARTRATE	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
魚油	FISH OIL	1	1	1	1	1	4	-	1	1	2	1	3	1	2	2	1	-
氟化環醚	FLUORINATED CYCLIC ETHERS	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
氟氣	FLUORINE GAS	2	1	2	4	4	4	-	4	-	-	-	-	1	-	4	-	-
氟液體	FLUORINE LIQUID	2	2	2	4	4	4	-	-	-	-	-	-	-	-	-	-	-
氟苯	FLUOROBENZENE	1	1	1	4	4	4	-	4	2	4	4	3	1	4	4	4	-
氟硼酸	FLUOROBORIC ACID	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
氟碳油	FLUOROCARBON OILS	2	2	-	-	-	1	-	1	-	-	-	-	1	-	-	-	-
FLUOROLUBE	FLUOROLUBE	2	1	2	1	1	1	2	1	2	1	1	-	-	4	-	-	-
氟矽酸	FLUOSILICIC ACID	1	1	1	1	1	2	1	4	4	1	1	-	1	1	1	-	-
氟素油	FOMBLIN	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
甲醛	FORMALDEHYDE	1	3	4	2	2	2	4	2	4	1	2	4	1	1	1	4	-
甲酰胺	FORMAMIDE	1	3	3	3	3	1	2	2	1	1	4	4	1	1	1	4	-
甲酸	FORMIC ACID	2	3	4	2	4	1	3	2	3	2	4	4	1	2	2	-	-

科頓聚合物橡膠化學抵抗索引

Maxmold Polymer Co.,Ltd Fluid Compatibility Guide

	英文商品名 Product Name	AKRON	KATON	KATON	OIL	COLD	SOLVENT	KATON	SAFE	OZONE	Butyl	NeopreneR	Urethane	Teflon®	Styrene-Butadiene	Natural Rubber	Acrylic Rubber	Ethylene-Acrylic
	中文學名 Scientific Name	全氟化橡膠	高氟氟素橡膠	一般氟素橡膠	丁晴橡膠	氫化丁腈橡膠	三元乙丙膠	氟素抗鹼橡膠	矽橡膠	氟矽橡膠	丁基橡膠	氯丁橡膠	氨基甲酸乙酯橡膠	聚四氟乙烯	丁苯橡膠	天然橡膠	丙烯酸酯橡膠	乙丙烯酸橡膠
	國際標準 ASTM D1418 designations	FFKM	FEPM-E	FK1 FK2 FK3	NBR	HNBR	EPDM	FEPM-P FK5	VQM	FVQM	IIR	CR	AU	PTFE	SBR	NR	ACM	AEM
	成本等級 Cost level	1	2	3	5	3	5	2	4	2	4	5	3	3	5	4	3	4
	建議使用等級Media / Chemical Data	1 = Excellent (<10% Swell) 2 = Good (10-20% Swell) 3 = Poor (20-40% Swell) 4 = Not Recommended - = Insufficient																
相對基礎成本Basic Relative Cost	1 = Very high cost非常高價 2 = high cost 高價 3 = Median price 中價格 4 = General price 一般價格 5 = Low price 低價																	
果汁	FRUIT JUICE	1	-	1	2	2	1	-	1	-	1	2	4	1	1	4	-	-
燃油	FUEL OIL	1	1	1	1	1	4	1	4	1	1	2	-	1	4	4	1	1
6號燃油	FUEL OIL NO. 6	1	1	1	2	2	4	1	1	1	4	4	2	-	4	4	1	-
1和2號燃料油	FUEL OIL, 1 AND 2	1	1	1	1	1	4	-	4	1	4	2	2	-	4	4	1	-
酸性燃料油	FUEL OIL, ACIDIC	1	1	1	1	1	4	1	1	1	4	2	2	-	4	4	1	-
富馬酸	FUMARIC ACID	1	1	1	1	1	2	1	2	1	4	2	-	-	2	3	4	-
呋喃甲醛	FURALDEHYDE	2	3	4	4	4	2	4	-	-	-	4	-	-	-	-	-	-
呋喃	FURAN	1	3	4	4	4	4	4	4	-	4	4	4	1	4	4	4	-
呋喃	FURANE	2	-	4	-	-	-	-	-	-	-	-	4	1	-	-	-	-
糠醛	FURFURAL	2	3	4	4	4	2	4	4	4	2	4	4	1	4	4	4	4
糠醇	FURFURYL ALCOHOL	1	1	2	4	4	2	2	4	4	2	4	4	1	4	4	4	-
瓦斯吸氣	FURNACE GAS, DRY	1	-	1	4	4	1	-	1	1	1	2	-	1	1	-	-	
呋喃甲醇	FURYL CARBINOL	1	4	4	4	4	2	2	4	4	2	4	4	-	4	4	4	-
旭瑞高壓抗燃油150, 220, 300, 550	FYRQUEL 150, 220, 300, 550	1	1	1	4	4	1	1	1	2	1	4	4	-	4	4	4	-
旭瑞高壓抗燃油A60	FYRQUEL 90, 100, 150, 220, 500	1	1	1	4	4	1	1	1	3	-	4	-	-	-	-	-	-
旭瑞高壓抗燃油90, 100, 150, 220, 501	FYRQUEL A60	1	1	1	4	4	2	2	1	3	-	4	-	-	-	-	-	-
全氟聚醚	GALDEN	4	2	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-
沒食子酸	GALLIC ACID	1	1	1	2	2	2	1	-	1	2	2	4	1	2	1	4	-
液化天然氣	GAS LIQUOR	1	-	1	1	1	4	-	4	4	4	4	-	1	4	4	4	-
天然氣石油	GAS OIL	1	-	1	1	1	4	-	2	1	4	2	1	1	4	4	1	-
乙醇汽油	GASOHOL	1	-	-	4	4	4	-	4	2	4	4	4	1	4	4	4	-
汽油	GASOLINE	1	1	1	1	1	4	2	4	1	4	4	2	1	4	4	4	4
明膠	GELATIN	1	1	1	1	1	1	-	1	1	1	1	4	1	1	1	2	1
煞車油	GIRLING BRAKE FLUID	4	2	3	3	3	1	-	-	4	2	2	-	-	1	-	-	-
芒硝	GLAUBER'S SALT	1	1	1	4	1	2	1	-	1	1	2	-	1	1	1	2	-
葡萄糖酸	GLUCONIC ACID	1	2	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
葡萄糖	GLUCOSE	1	1	1	1	1	1	1	1	1	1	2	4	1	1	1	-	1
谷氨酸	GLUTAMIC ACID	1	2	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
甘油	GLYCERIN	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	4	1
氯丙二醇	GLYCEROL CHLORHYDRIN	2	-	-	4	4	2	-	-	-	2	4	-	1	2	2	-	-
二氯丙醇	GLYCEROL DICHLOROHYDRIN	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
氯甘油	GLYCEROL MONOCHLOROHYDRIN	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
三醋酸甘油酯	GLYCEROL TRIACETATE	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
甘油酸	GLYCEROPHOSPHORIC ACID	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
甘油磷酸	GLYCERYL PHOSPHATE	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
環氧丙醇	GLYCIDOL	1	1	3	3	3	1	-	2	1	1	1	4	-	1	1	4	-
10%水甘氨酸	GLYCINE, AQUEOUS, 10%	1	-	1	2	2	1	-	-	-	1	1	-	1	2	2	-	-
乙二醇單醚	GLYCOL MONOETHER	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
乙醇酸	GLYCOLIC ACID	1	1	1	1	1	1	-	1	1	1	2	4	1	1	1	4	-
乙二醇	GLYCOLS	1	1	1	1	1	1	1	1	1	1	4	1	1	1	1	4	1

科頓聚合物橡膠化學抵抗索引

Maxmold Polymer Co.,Ltd Fluid Compatibility Guide

	英文商品名 Product Name	AKRON	KATON	KATON	OIL	COLD	SOLVENT	KATON	SAFE	OZONE	Butyl	NeopreneR	Urethane	Teflon®	Styrene-Butadiene	Natural Rubber	Acrylic Rubber	Ethylene-Acrylic	
	中文學名 Scientific Name	全氟化橡膠	高氟氟素橡膠	一般氟素橡膠	丁晴橡膠	氫化丁腈橡膠	三元乙丙膠	氟素抗鹼橡膠	矽橡膠	氟矽橡膠	丁基橡膠	氯丁橡膠	氨基甲酸乙酯橡膠	聚四氟乙烯	丁苯橡膠	天然橡膠	丙烯酸酯橡膠	乙丙烯酸橡膠	
	國際標準 ASTM D1418 designations	FFKM	FEPM-E	FK1 FK2 FK3	NBR	HNBR	EPDM	FEPM-P FK5	VQM	FVQM	IIR	CR	AU	PTFE	SBR	NR	ACM	AEM	
	成本等級 Cost level	1	2	3	5	3	5	2	4	2	4	5	3	3	5	4	3	4	
	建議使用等級Media / Chemical Data	1 = Excellent (<10% Swell) 2 = Good (10-20% Swell) 3 = Poor (20-40% Swell) 4 = Not Recommended - = Insufficient																	
相對基礎成本Basic Relative Cost	1 = Very high cost非常高價 2 = high cost 高價 3 = Median price 中高價格 4 = General price 一般價格 5 = Low price 低價																		
己烯-1	HEXENE-1	1	1	1	2	2	4	3	4	1	4	2	1	1	4	4	1	-	
異己醇	HEXONE	1	3	4	3	3	1	-	2	1	1	1	4	-	1	1	4	-	
乙酸己酯	HEXYL ACETATE	1	3	4	1	1	4	-	2	1	4	2	1	-	4	4	1	-	
己基醇	HEXYL ALCOHOL	1	1	1	1	1	3	-	2	2	3	2	4	1	1	1	4	1	
己二醇單硼酸鈉	HEXYLENE GLYCOL	1	1	1	3	3	1	-	2	1	1	1	4	-	1	1	4	-	
己基同苯二酚	HEXYLRESORCINOL	1	1	2	2	2	4	-	-	2	4	4	3	-	4	4	4	-	
高黏度潤滑油 H2	HIGH VISCOSITY LUBRICANT H2	1	1	1	1	1	1	1	1	2	1	2	4	-	1	-	4	-	
高黏度潤滑油 U4	HIGH VISCOSITY LUBRICANT U4	1	1	1	1	1	1	1	1	2	1	2	4	-	1	-	4	-	
HI-LO MS NO. 1	HI-LO MS NO. 1	4	4	4	4	4	1	3	3	3	2	4	4	-	4	4	4	-	
磷酸酯淀粉1010	HOUGHTO-SAFE 1010 PHOSPHATE ESTER	1	1	1	4	4	1	-	3	2	1	4	-	-	4	4	4	-	
磷酸酯淀粉1055	HOUGHTO-SAFE 1055 PHOSPHATE ESTER	1	1	1	4	4	1	-	3	2	1	4	-	-	4	4	4	-	
磷酸酯淀粉1120	HOUGHTO-SAFE 1120 PHOSPHATE ESTER	1	1	1	4	4	2	-	3	2	1	4	4	-	4	4	4	-	
磷酸酯抗燃液-SAFE 271	HOUGHTO-SAFE 271	1	1	2	1	1	1	1	2	2	2	2	4	-	1	-	4	-	
水乙二醇基	(WATER & GLYCOL BASE)	1	1	2	1	1	1	1	2	2	2	2	4	-	1	-	4	-	
磷酸酯抗燃液-SAFE416 & 500 系列	HOUGHTO-SAFE 416 & 500 SERIES	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	
磷酸酯抗燃液-SAFE5040	HOUGHTO-SAFE 5040	1	1	1	1	1	4	-	3	2	4	2	4	-	4	4	4	-	
(水和油乳劑)	(WATER & OIL EMULSION)	1	1	1	1	1	4	-	3	2	4	2	4	-	4	4	4	-	
磷酸酯抗燃液-SAFE 620	HOUGHTO-SAFE 620	1	1	2	1	1	1	1	2	2	2	2	4	-	1	-	4	-	
(水乙二醇基)	(WATER & GLYCOL BASE)	1	1	2	1	1	1	1	2	2	2	2	4	-	1	-	4	-	
液壓油，液壓	HYDRAULIC FLUIDS, HYDRAULIC	1	-	1	1	1	4	-	2	1	4	2	1	1	4	4	1	-	
DIN 51524油	OILS DIN 51524	1	-	1	1	1	4	-	2	1	4	2	1	1	4	4	1	-	
液壓油，水油	HYDRAULIC FLUIDS, OIL-IN-WATER	1	-	-	1	1	4	-	-	-	4	2	-	1	4	4	-	-	
乳液HFA	EMULSIONS HFA	1	-	-	1	1	4	-	-	-	4	2	-	1	4	4	-	-	
液壓油，磷酸	HYDRAULIC FLUIDS, PHOSPHORIC	1	-	-	4	4	-	-	4	4	-	4	4	1	4	4	4	-	
酯HFD	ACID ESTER HFD	1	-	-	4	4	-	-	4	4	-	4	4	1	4	4	4	-	
液壓油	HYDRAULIC FLUIDS,	1	-	1	1	1	1	-	1	1	1	2	-	1	1	1	-	-	
聚乙二醇-水乳劑 HFC	POLYGLYCOL-WATER EMULSIONS HFC	1	-	1	1	1	1	-	1	1	1	2	-	1	1	1	-	-	
液壓油包水型油	HYDRAULIC FLUIDS, WATER-IN-OIL	1	-	-	-	-	4	-	-	-	4	2	-	1	4	4	-	-	
乳液HFB	EMULSIONS HFB	1	-	-	-	-	4	-	-	-	4	2	-	1	4	4	-	-	
液壓油，石油井	HYDRAULIC OIL, PETROLEUM BASE	1	1	1	1	1	4	1	2	1	-	2	-	1	-	4	-	1	
航空器	AIRCRAFT	1	1	1	1	1	4	1	2	1	-	2	-	1	-	4	-	1	
液壓油，石油	HYDRAULIC OIL, PETROLEUM	1	1	1	1	1	4	-	2	1	4	2	1	1	4	4	1	1	
基礎工業油	BASE INDUSTRIAL	1	1	1	1	1	4	-	2	1	4	2	1	1	4	4	1	1	
液壓油，合成基礎	HYDRAULIC OILS, SYNTHETIC BASE	1	1	3	2	2	4	-	-	2	4	4	3	-	4	4	4	-	
肼	HYDRAZINE	2	3	4	2	2	1	1	3	4	1	2	4	1	2	1	-	-	
肼鹽酸鹽	HYDRAZINE DIHYDROCHLORIDE	1	3	4	3	3	1	-	2	1	1	1	4	-	1	1	4	-	
水合肼	HYDRAZINE HYDRATE	1	3	4	2	2	1	-	2	2	1	2	2	1	2	4	4	-	
無水肼	HYDRAZINE, ANHYDROUS	1	1	4	4	4	2	2	-	4	2	2	4	-	1	4	4	-	
碘化氫	HYDRIODIC ACID	1	1	1	2	2	4	-	-	2	4	4	3	-	4	4	4	-	
氫溴酸	HYDROBROMIC ACID	1	1	1	4	2	1	1	4	3	1	2	4	1	4	1	4	-	