

KEMISK MOTSTÅNDSKRAFT

Symbol lista

- + Plastdetaljer som är motståndskraftiga mot kemiska attack under konventionella förhållanden.
 # Plastdetaljer som är delvis motsamskraftiga mot kemiskattack under konventionella förhållanden. Gör prover på den aktuella applikationen.
 - Plaster som inte är motståndskraftiga mot kemisk attack.

Förkortningar: PVC=Polyvinylchloride, PE=Polyethlene, PP = Polypropylene, PC = Polycarbonate

Chemical Attack	Conc. %	°C	PVC	PE/PP	PC	Chemical Attack	Conc. %	°C	PVC	PE/PP	PC
Acetaldehyde, aqueous	40	40	#	+	-	Hydrofluoric acid, aqueous	<40	20	+	+	-
Acetic acid	<10	40	+	+	+	Hydrogen	100	60	+	#	+
Acetic acid	10-85	60	+	+	-	Hydrogen peroxide	20	20	+	+	#
Acetic acid	85-95	40	+	+	-	Hydrogen sulphide dry/hum.	60	60	+	+	#
Acetic acid	>95	20	+	+	-	Hydrogen sulphide, aque.	40	40	+	+	#
Acetone	traces	20	-	+	-						
Ammonia aqueous	20	40	+	+	-	Ketone			-	-	-
Ammonia dry		60	+	+	-						
Ammonium fluoride	2	20	+	#	#	Lactic acid, aqueous	1	40	+	+	+
Aniline	Statuated	60	#	-	-						
Arsenik acid	<20	60	+	+	+	Methylalcohol, aqueous	all	40	+	+	-
						Mineral oil		20	+	+	#
Beer		60	+	+	#						
Benzene		20	-	#	-	Nitric acid	<30	40	+	+	-
Bleaching agent	12,5	40	+	+	#	Nitric acid	30-45	45	+	+	-
Borax, aqueous		60	+	+	#	Nitric acid	50-60	20	+	#	-
Bromic acid, aqueous	10	20	+	+	-	Nitric gases, dry/humid	Weak	60	#	#	-
Butan, gasous			+	-	+						
						Oil and Fats vegg. / organic		60	+	+	-
Carbonic acid, dry		40	+	+	+	Oxalic acid, aqueous	10	40	+	+	+
Carbonic acid dry/humid		40	+	+	-	Oxalic acid, aqueous	conc.	60	+	+	-
Carbon tetrachloride		20	-	-	-	Oxygen		60	+	+	#
Carbon disulphide		20	#	#	-	Ozone		20	+	#	-
Caustic soda	<40	40	+	+	-						
Caustic soda	40-60	60	+	+	-	Permanganate	<6	20	+	+	#
Cement dry		20	+	+	+	Petrol, Norma/Preminum		60	+	#	-
Cement mixed		20	+	+	-	Petroleum		20	+	+	#
Chloric gas, dry/humid		20	#	#	-	Phenol, aqueous	<90	45	#	#	-
Chloric water		20	#	-	-	Phosphoric acid, aqueous	<30	40	+	+	-
Chlorinated hydrocarbons			-	-	-	Phosphoric acid, aqueous	>30	60	+	+	-
Chlorosulfuric acid	100	20	#	#	-	Potash lye, aqueous	40	40	+	+	-
Cromium acid, aqueous	<50	50	+	+	-	Potash lye	40-50	60	+	+	-
Cromium, acid	20		#	#	+	Potassium sodium, lye	<40	40	+	+	-
Cromosulfuric acid	20		#	#	-	Potassium sodium, lye	40-50	60	+	+	-
Citric acid	all	60	+	+	+	Propane, liquid			+	-	+
Creoso, aqueous	<90	45	#	#	-						
Cupric sulfate	all	60	+	+	+	Saltsolution	all	40	+	+	+
						Sea water		40	+	+	#
Diesel oil		20	+	+	#	Sulfur dioxide, aqueous	all	40	+	+	#
Developer (phot)		40	+	+	#	Sulfuric acid dry/humid	all	60	+	+	#
Dextine	18	20	+	+	#	Sulfuric acid, aqueous	<40	40	+	+	#
						Sulfuric acid, aqueous	40-80	60	+	+	-
Ester			-	-	-	Sulfuric acid, aqueous	80-90	40	+	+	-
Etyl alcohol, aqueous	<40	40	+	+	#	Sulfuric acid, aqueous	90-96	20	+	+	-
Etyl ether		20	-	#	#	Sodium chloride, solution	weak	40	+	+	+
Fatty acid		20	+	#	#	Tartaric acid	10	60	+	+	+
Fixing bath		40	+	+	#						
Fluorochlorinated						Urine		40	+	+	+
Hydrocarbons			+	#	+						
Formaldehyde aqueous	All	30	+	+	#	Water		60	+	+	+
Formic Acid	<30	40	+	+	#						
Formic Acid	Conc.	20	+	+	-	Xylene	100	20	-	#	-
Glycerne, aqueous		60	+	+	#	Zinc chloride, aqueous	all	60	#	+	#
						Zinc sulfate, aqueous	weak	60	+	+	#
Hydrochloric acid	Weak	40	+	+	#						
Hydrochloric acid	Conc	60	+	+	-						
Hydrofluorosilic acid aque.	<32,5	60	+	+	+						

Haraldur Guðbjartsson co/ Rafhof

s.5666082 8930012

Efnapols-skýringar vegna Protec framleiðslu á raflagnaefni.

Tel 0159-350010, Ordertax 0159-12630

