

Chemicals	%	Temperature °C	uhmwpe 1000 1000BR hmvpe hdpe Tivar®-88	nylon 6SA 66SA extruded	nylon 6PLA nylon LFX Nylatron® GSM NSM	acetal C acetal U	acetal H	Ertalyte® petp	polyprop	pvc	acrylic pmma
Acetic acid	5	23	A	-	A	A	A	A	A	-	-
	10	23	A	B	B	B	B	A	A	A	-
	10	50	A	-	C	B	B	B	A	-	C
Acetone	5	23	A	A	A	A	A	A	A	-	C
	5	100	A	-	A	A	A	A	A	-	-
	50	23	A	-	A	A	A	A	-	-	-
Ammonia aq.	10	23	A	B	A	A	C	C	-	-	A
	100	23	A	-	A	A	C	B	A	C	-
Benzene	100	23	B	A	A	B	A	A	B	C	C
	100	65	C	-	A	B	A	C	-	-	C
Bitumen	100	23	A	B	A	A	-	-	-	-	-
Bromine	100	23	C	C	C	C	-	C	C	-	-
Bromine liquid	100	23	C	C	C	-	-	-	C	C	-
Butanol	100	23	A	B	A	A	-	A	-	C	-
Butylene Glycol	100	23	A	A	A	A	-	A	-	-	-
Camphor	50	23	A	-	A	A	-	-	-	-	-
Carbonic Acid	10	23	A	A	A	A	-	A	-	A	-
	100	23	A	-	A	A	-	A	-	-	-
Caustic soda	1	23	A	-	A	A	B	A	-	A	-
	1	80	A	-	A	A	C	B	-	-	-
	10	23	A	-	A	A	C	B	-	-	-
	10	80	A	-	C	A	C	C	-	-	-
Chlorine aq.	100	23	C	O	C	C	-	-	-	-	
Chlorine gas wet	100	23	C	-	C	C	C	C	B	C	C
Chloroform	100	23	C	O	C	C	C	C	B	C	C
Chromic acid	10	23	A	C	C	C	C	B	B	A	B
Citric acid aq.	10	23	A	C	B	A	A	A	A	A	A
	10	50	A	-	B	C	-	A	-	-	-
Diesel oil D51601	CA	23	-	A	A	A	-	A	-	-	-
	CA	85	B	-	A	A	-	A	-	-	-
Ethylene glycol aq.	100	23	A	B	A	A	B	A	-	A	A
	100	60	-	-	-	B	-	B	-	-	-
Freon 113	100	23	C	-	A	A	-	A	-	-	-
Formaldehyde	30	23	A	-	A	A	A	A	A	-	A
Formic acid aq.	2	23	A	C	B	A	-	A	A	-	C
	5	80	A	-	C	C	-	B	-	-	-
Fruit Juices	CA	23	A	B	A	A	-	A	-	-	A
Glycol	100	23	A	-	A	A	B	A	-	A	-
	100	60	-	-	-	B	-	B	-	-	B
Hydrogen peroxide	1	23	A	C	C	A	A	A	A	A	-
	30	23	A	O	C	B	A	A	-	A	-
Isopropyl alcohol	CA	23	A	B	A	A	-	B	A	-	C
Kerosene	CA	23	A	-	A	A	A	A	A	A	A
Methanol	50	23	A	-	A	A	A	A	-	-	-
Methyl ethyl ketone	20	23	A	A	A	-	A	-	A	-	C
	100	23	A	-	A	B	A	B	-	-	-
Milk			A	A	A	A	A	A	A	A	A
Mineral oils	CA	23	A	A	A	A	A	A	-	-	-
Oxalic acid aq.	10	23	A	C	B	-	-	A	-	A	A
Ozone	100	23	B	C	C	C	-	B	B	A	C
Phosphoric acid	3	23	A	-	B	-	-	A	B	A	C
Potassium hydroxide	1	23	A	-	A	A	-	A	A	A	A
	10	23	A	-	A	A	-	C	-	-	-
Sodium hydroxide	1	23	A	A	A	A	B	A	A	A	A
	1	60	-	-	-	A	C	B	-	-	-
Sodium hypochlorite (chlorine bleach)	5	23	A	C	B	-	-	A	A	A	A
Sulphuric acid	1	23	A	C	C	A	C	A	-	A	-
	10	23	A	O	O	C	C	A	A	A	A
Sulphuric acid (fuming)	100	23	C	-	-	O	C	C	C	C	C
Tetrachlorethylene	100	23	-	A	A	A	-	B	-	-	-
Toluene	100	23	C	A	A	A	B	A	C	-	O
Transformer oil	CA	23	B	A	A	A	-	A	-	-	-
Turpentine oil	CA	23	B	A	A	A	A	A	C	-	A
Urea	5	23	A	A	A	A	A	A	C	A	-
Vinegar	CA	23	A	C	C	A	-	A	A	A	A
Water	100	23	A	A	A	A	A	A	-	A	-
	100	80	B	B	B	B	B	B	-	-	-
White spirits	CA	23	-	A	A	-	-	A	-	-	-
Wine and spirits	CA	23	A	B	B	A	-	A	-	-	-
Xylene	100	23	B	A	A	A	-	A	C	C	O
	100	60	B	A	A	A	-	B	C	-	-

Refer to back of high performance section for Comparative Physical Properties charts.

