

CHEMICAL RESISTANCE of PoliTerm MATERIALS



AGENS ORGANIC and NOT-ORGANIC	Conc. (%)	PA6 (Mos2)	HDPP
Acetaldehyde	40	+/-	.
Acetamide	50	+	.
Acrylonitrile	100	+	+
Ally alcohol	100	+/-	.
Aluminum-sulphate	10	+	.
Aluminum chloride	10	+	.
Ammonium chloride	10	+	.
Amino-benzene	100	+/-	+
Benzoldehide	100	+/-	.
Alkali for whitening	-	-	+
Calcium chloride – water soluble	10	+	+
Calcium chloride -alcoholic	20	+	+
Gas chlorine	100	-	-
Chlorine water	-	-	.
Hrom kalijumova stipsa	10	+/-	.
Diesel fuel	100	+	.
Dibutyl phthalate	100	+	+/-
Dioktil phthalate	100	+	+/-
Dioxane	100	+	+/-
Chloride-iron	10	+	.
Formaldehyde-soluble in water	-	+	+
Freon 12 (Liquid)	-	+	.
Furfurd	-	+/-	.
Glycerine	-	+	.
Carbamide-soluble in water	-	+	.
Hexane	100	+	.
Heptan	100	+	.
Iodine tincture	-	-	.
Potassium bicromate	5	+/-	.
Potassium permanganate	1	-	.
Copper sulphate	10	+	+
Magnesium chloride-soluble in water	-	+	.
Manganese sulphate	10	+	.
Potassium nitrate	10	+	.
Mineral oil	-	+	.
Sodium bisulfite	10	+	+
Sodium carbonate	10	+	.
Sodium chloride	10	+	+
Sodium sulphate	10	+	.
Ozon	-	-	.
Phenol-meltd	100	0	+
Phenol-dissolved in water	-	-	+
Mercury	-	+	.
Mercurys Chloride	5	-	.
Rezorcin (dihydroxide-benzene)	100	0	.
Sulfur-hydrogen	-	+	.
Sulfur-carbon	-	+	.
Sea water	-	+	+
Soap solution	-	+	+
Stirol	-	+	.
Tallow	-	+	.
Thionyl chloride	-	0	.
Transformer oil	-	+	+/-
Water-cool	-	+	+
Water-hot	-	+/-	+/-
Hydrogen peroxide	0,5	+/-	+
Hydrogen peroxide	1	-	+
Hydrogen peroxide	3	-	+
Hydrogen peroxide	10	-	+
Hydrogen peroxide	30	-	+
Wax (melted)	-	+	.
Vine	-	+/-	+
Brandy	-	+/-	.
Zinc chloride	10	+/-	.

ACIDS	Conc. (%)	PA6 (Mos)	HDPP
Formic acid	85	0	+
Formic acid	40	-	+
Formic acid	10	-	+
Boric acid	10	+/-	+
Chromic acid	10	-	+
Chromic acid	10	+/-	+
Citric acid	10	+/-	+
Acidic acid	80	-	+
Acidic acid	40	-	+
Acidic acid	10	-	+
Fluorovodonic acid	40	0	.
Milk acid	10	+/-	+/-
Oleinic acid (concentrated)	-	+	+/-
Oxalic acid	10	-	+/-
Phosphoric acid (concentrated)	-	-	+
Phosphoric acid	10	-	+
Nitrogen acid (concentrated)	-	-	-
Nitrogen acid	10	-	+
Salt acid (hydrochloric)	10	-	+
Salt acid (hydrochloric)	2	0	+
Sulfuric acid	98	+/-	+/-
Sulfuric acid	40	0	+
Sulfuric acid	10	-	+
Sulfuric acid	2	+/-	+
Hyperchloric acid	10	-	.
ALKALIES	Conc. (%)	PA6 (Mos)	HDPP
Ammonia	10	+	+
Potassium soluble in water	50	+/-	+
Potassium soluble in water	10	+/-	+
Natron soluble lyophilized water	50	+/-	+
Natron soluble lyophilized water	10	+/-	+
ORGANIC SOLVENTS	Conc. (%)	PA6 (Mos)	HDPP
Acetone	100	+	+
Anon	100	+	.
Ethyl alcohol	96	+	+
Ethyl acetate	100	+	+
Ethyl ether	100	+	+
Ethyl-dichloride	100	+	+
Ethylene-diamine	100	+	.
Gasoline	100	+	+/-
Benzole	100	+	+/-
Benzyl-alcohol	100	+/-	+/-
Butyl alcohol	100	+	+/-
Butyl acetate	100	+	-
Chloroform	100	-	+/-
Chloro-benzene	100	+	+
Cyclo-hexanole	100	+	+/-
Decaline	100	+	.
Isopropyl-alcohol	-	+	.
Methyl-alcohol	-	+	+
Methyl-acetate	100	+	+
Methyl-ethyl-kephone (butanol)	-	+	.
Methylene chloride	-	+/-	+/-
Nitrobenzole	100	+/-	+
Petroleum	-	+	.
Piridine	-	+	+/-
Tetrahydromethane	-	+	-
Tetrahydrofuran	-	+	+/-
Tetraline	-	+	.
Tronil chloride	-	0	.
Trichloro-ethylene	-	+/-	+/-

Insignia:

(+) resistant

(+/-) conditionally resistant

(-) not resistant

(0) soluble