

Chemical Resistance of PA12

Duration		6 Month	4 Weeks
Medium	Concentration	20°C	60°C
Aceton	100	+	+
Battery acid	10	⊗	-
Formic acid		+	0
Ammonia, aqueous solution	Conz.	+	+
Aniline	100	⊕	
Apple juice		+	+
Asphalt		+	+
Barium salts		+	+
Petrol		+	+
Benzene	100	+	0
Beer		+	
Brake fluid		+	+
Butane Gas	100	+	+
Butane Liquid	100	+	
Butter		+	
Chlorine, liquid	100	-	-
Chrome bath, techn.		-	-
Chrome acid	10	-	-
Cyclohexanone	100	+	0
Dibutylphtalate (Vestinol®C)		+	+
Diethyl-Ether (Kp 35°C)	100	⊕	
Diocetylphthalate (Vestinol®AH)		+	+
Dixan® Base	Useable	+	+
Acetic acid	10	+	⊗
Ethyl-Acetate		+	⊕
Ethyl-Alcohol, denature	100	+	⊕
Fish		+	
Anti freezer		+	+
Dishes cleaner		+	+
Glycerine	100	+	+
Glycol	100	+	+

+ = resistant

- = non-resistant

⊕= practical resistant; ○= conditional-resistant; ⊗= little resistant

Chemical Resistance of PA12/ continued

Duration		6 Month	4 Weeks
Medium	Concentration	T = 20°C	T = 60°C
Fuel Oil		+	+
coffee, drinkable		+	
Caustig	50	+	+
Potassium Chlorate aqueous solution	cold saturated (7,3)	⊕	○
Potass. Permanganate aqueous solution	Cold saturated (6,4)	⊗	-
Linseed Oil		+	+
Magnesium Salts aqueous solution		+	+
Methylethyl-Ketone	100	+	○
Methanol	100	+	⊕
Milk		+	+
Lactid Acid aqueous solution	10	⊕	○
Sodium-Chloride aqueous solution	Cold saturated	+	+
Sodium-Hypochloride aqueous solution	5	⊕	⊗
Sodium hydroxid	50	+	+
Ozone (0,5 ppm)		○	
Paraffin	100	+	+
Persil® Base	useable	+	+
Petroleum	100	+	+
Propane Gases	100	+	+
Pyridine	100	+	
Rum	40	+	+
Nitric Acid	10	-	-
Salt Acid	10	-	-
Soft Soap		+	+
Sulphur	100	+	+
Sulphur Acid	10	⊕	⊗
Sea Water		+	+
Silicon Oil		+	+
Edible Oil, animal +		+	+

⊕= practical resistant; O= conditional resistant; ⊗= little resistant

Chemical Resistance PA12/ continued

Duration		6 Month	4 Weeks
Medium	Concentration	20°C	60°C
Toluene	100	+	⊗
Tomato Juice		+	+
Trichlorethylene	100	O	⊗
Water	100	+	+
Hydrogen-Peroxide aqueous solution	30	+	
Whiskey	40	+	
Xylene	100	+	O
Citric acid aqueous solution	Cold saturated	+	O
Lemon juice		+	+
Sugar solution	every	+	+

+ = resistant

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