



PA6 GF30 1000x500x50 mm svart

Artikelnr P1001509
Material PA

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Density	1.34	g/cm³	ISO 1183
Modulus of elasticity (tensile)	8700	MPa	ISO 527-2
Melting point	220	°C	ISO 3146
Maximal operating temperature (short-term)	180	°C	
Maximum Operating Temperature	100	°C	
Minimum temperature	-20	°C	
Heat deflection temperature (HDT/A)	210	°C	ISO 75-2
Volume Resistivity	10 ¹⁴	Ω·cm	IEC 60093
Flexural Strength	120	MPa	ISO 527-2
Thermal Conductivity	0.28	W/(m·K)	DIN 52612
Surface Resistivity	10 ¹³	Ω	IEC 60093
Water absorption to saturation	2.1	%	ISO 62
Water Absorption to Saturation	6.6	%	ISO 62
Notched impact strength (Charpy)	5	kJ/m²	ISO 179/1eA
Impact Resistance (Charpy)	50	kJ/m²	ISO 179/1eU
Thermal Expansion Coefficient	0.26	10 ⁻⁴ /K	DIN 11359
Ball pressure hardness	43	MPa	ISO 2039-1

2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100	Delvis beständig
2-Hydroxypropionic Acid	90	Ej beständig
Acetic Acid	100	Beständig
Acetone	100	Delvis beständig

Kemikalie	Konc.	Resultat
Ammonia	conc.	
Ammonium Chloride	-	
Amyl Alcohol	-	
Apple Juice	-	
Benzene	-	
Bleaching Solution	12.5 cl	
Boric Acid	100	
Brake Fluid	-	
Butyl Acetate	-	
Calcium Chloride	-	
Carbon Disulfide	100	
Carbon Tetrachloride	-	
Chlorine (gas)	100	
Chlorobenzene	100	
Chloroform	-	
Citric Acid	10	
Cresol	-	
Cyclohexanone	100	
Cyclohexene	100	
Diesel Fuel	-	
Diethylene Oxide	-	
Ethyl Acetate	100	
Ethyl Alcohol	96	
Ethylene Chloride	100	
Food Oil	-	
Formaldehyde (aqueous)	40	
Formic Acid	10	
Frost Protection Agent	-	
Fuel (aromatic free)	-	
Glycerine	100	
Glycol	100	
Heating Oil	-	
Heptane	100	
Hydrochloric Acid	10	

Kemikalie	Konc.	Resultat
Hydrochloric Acid (concentrated)	conc.	●
Hydrofluoric Acid	40	●
Hydrogen Peroxide	10	●
Hydrogen Sulfide (aqueous)	-	●
Isopropyl Alcohol	100	●
Linseed Oil	-	●
Mercurochrome	-	●
Methyl Alcohol	100	●
Methyl Ethyl Ketone (MEK)	100	●
Methylene Chloride	100	●
Milk	-	●
Mineral Oils (aromatic free)	-	●
Nitric Acid	10	●
Nitric Acid	50	●
Nitrobenzene	-	●
Oxalic Acid	-	●
Ozone Gas	≤ 0.5 ppm	●
Paraffine Oil	100	●
Perchloroethylene	-	●
Petroleum	100	●
Petroleum Ether	100	●
Phenol (aqueous)	ca. 9	●
Phosphoric Acid	50	●
Potassium Hydroxide liquor	50	●
Premium Fuel	-	●
Propyl Alcohol	-	●
Pyridine	-	●
Silicone Oil	-	●
Sodium Carbonate (aqueous)	-	●
Sodium Chloride (aqueous)	-	●
Sodium Hydrogen Sulfite	-	●
Sodium Hydroxide liquor	60	●
Sodium Hydroxide liquor	15	●
Sodium Nitrate (aqueous)	-	●
Sodium Thiosulfate	-	●

Kemikalie	Konc.	Resultat
Sulfuric Acid	96	
Tetrahydrofuran (THF)	100	
Toluene	100	
Transformer Oil	-	
Trichloroethylene	100	
Vinegar (standard)	5 - 10	
Water	-	
Xylene	-	