



PA6.6 GF30 110x1000 mm svart

Artikelnr P1002500
Material PA

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tetthet	1.3	g/cm³	ISO 1183
StrekkgrenseSpenning	100	MPa	ISO 527
Elastisitetsmodul (trek)	5900	MPa	ISO 527-2
Brottspenning	100	MPa	ISO 527-2
Brottsdeformasjon	5	%	ISO 527-2
Smeltepunkt	257.5	°C	ISO 3146
Maksimal drifttemperatur (kortvarig)	175	°C	UL746B
Maksimal drifttemperatur	120	°C	
Minstemperatur	-20	°C	
Varme-forvrengning (HDT/A)	150	°C	ISO 75-2
Varme-forvrengning (HDT/B)	250	°C	ISO 75
Dielektrisk Styrke	30	kV/mm	IEC 60243-1
VolumResistivitet	~10 ¹⁴	Ω·cm	IEC 60093
Dielektrisk konstant (1 MHz)	3.6	-	IEC 60250
Dielektrisk dissipasjonsfaktor (1 MHz)	0.0	-	IEC 60250
Termisk konduktivitet	0.31	W/(m·K)	DIN 52612
Overflatemotstand	~10 ¹³	Ω	IEC 60093
Sammenligningskrypstrømsindeks (CTI)	475	V	IEC 60112
Fuktabsorpsjon til metning	3.6	%	ISO 62
Vannabsorpsjon til metning	5.5	%	ISO 62
Skåret slagfasthet (Charpy)	6	kJ/m²	ISO 179/1eA
Slagsegghet (Charpy)	50	kJ/m²	ISO 179/1eU
Termisk utvidelseskoefisient	0.5	10 ⁻⁴ /K	ISO 11359
Hardhet Shore D	85	° Shore D	ISO 868
Kuletrykkshardhet	165	MPa	ISO 2039-1

2. Kemisk beständighet

● Beständig ● Delvis beständig ● Ej beständig

Kemikalie	Konc.	Resultat
1,4-Dioxan	100	●
2-Hydroxypropionic Acid	90	●
Acetic Acid	100	●
Aceton	100	●
Ammoniak	conc.	●
Ammonium Chloride	-	●
Amyl Alcohol	-	●
Apple Juice	-	●
Bensen	-	●
Bleaching Solution	12.5 cl	●
Boric Acid	100	●
Brake Fluid	-	●
Bränsle (aromatfritt)	-	●
Butyl Acetate	-	●
Calcium Chloride	-	●
Carbon Disulfide	100	●
Carbon Tetrachloride	-	●
Citric Acid	10	●
Cyklohexanon	100	●
Cyklohexen	100	●
Diesel Fuel	-	●
Diethylene Oxide	-	●
Eddik (standard)	5 - 10	●
Ethyl Acetate	100	●
Ethyl Alcohol	96	●
Ethylene Chloride	100	●
Fenol (vattenl.)	ca. 9	●
Food Oil	-	●
Formaldehyd (vattenl.)	40	●
Formic Acid	10	●
Frost Protection Agent	-	●
Glycerin	100	●

Kemikalie	Konc.	Resultat
Glykol	100	
Heating Oil	-	
Heptan	100	
Hydrochloric Acid	10	
Hydrochloric Acid (concentrated)	conc.	
Hydrofluoric Acid	40	
Hydrogen Peroxide	10	
Hydrogen Sulfide (aqueous)	-	
Isopropyl Alcohol	100	
Klor (gas)	100	
Klorbensen	100	
Kloroform	-	
Kresol	-	
Linseed Oil	-	
Melk	-	
Merkurokrom	-	
Methyl Alcohol	100	
Methyl Ethyl Ketone (MEK)	100	
Methylene Chloride	100	
Mineral Oils (aromatic free)	-	
Nitric Acid	10	
Nitric Acid	50	
Nitrobensen	-	
Oxalic Acid	-	
Ozone Gas	≤ 0.5 ppm	
Paraffine Oil	100	
Perkloretylen	-	
Petroleum	100	
Petroleum Ether	100	
Phosphoric Acid	50	
Potassium Hydroxide liquor	50	
Premium Fuel	-	
Propyl Alcohol	-	
Pyridin	-	
Silicone Oil	-	

Kemikalie	Konc.	Resultat
Sodium Carbonate (aqueous)	-	●
Sodium Chloride (aqueous)	-	●
Sodium Hydrogen Sulfite	-	●
Sodium Hydroxide liquor	60	●
Sodium Hydroxide liquor	15	●
Sodium Nitrate (aqueous)	-	●
Sodium Thiosulfate	-	●
Sulfuric Acid	96	●
Tetrahydrofuran (THF)	100	●
Toluen	100	●
Transformer Oil	-	●
Trikloreten	100	●
Vann	-	●
Xylen	-	●