



Rundstång i PA6 GF30 10x1000 mm svart

Artikelnr P1001400

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Densitet	1.34	g/cm³	ISO 1183
Elasticitetsmodul (drag)	8700	MPa	ISO 527-2
Smältpunkt	220	°C	ISO 3146
Maximal drifttemperatur (korttid)	180	°C	
Maximal drifttemperatur	100	°C	
Minsta temperatur	-20	°C	
Värmeåtvärngning (HDT/A)	210	°C	ISO 75-2
Volymresistivitet	10¹¹ Ω·cm	Ω·cm	IEC 60093
Björkfasthet	120	MPa	ISO 527-2
Termisk konduktivitet	0.28	W/(m·K)	DIN 52612
Ytresistivitet	10¹¹ Ω	Ω	IEC 60093
Fuktabsorption till mättnad	2.1	%	ISO 62
Vattenabsorption till mättnad	6.6	%	ISO 62
Skärslagseghet (Charpy)	5	kJ/m²	ISO 179/1eA
Slagseghet (Charpy)	50	kJ/m²	ISO 179/1eU
Termisk utvidgningskoefficient	0.26	10⁻⁵/°K	DIN 11359
Kultryckshårdhet	43	MPa	ISO 2039-1

2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

Kemikalie	Konc.	Resultat
1,4-Dioxan	100	Delvis beständig
2-Hydroxypropionic Acid	90	Ej beständig
Acetic Acid	100	Beständig
Aceton	100	Delvis beständig
Ammoniak	conc.	Beständig

Kemikalie	Konc.	Resultat
Ammonium Chloride	â€”	
Amyl Alcohol	â€”	
Apple Juice	â€”	
Bensen	â€”	
Bleaching Solution	12.5 cl	
Boric Acid	100	
Brake Fluid	â€”	
Br�nsle (aromatfritt)	â€”	
Butyl Acetate	â€”	
Calcium Chloride	â€”	
Carbon Disulfide	100	
Carbon Tetrachloride	â€”	
Citric Acid	10	
Cyklohexanon	100	
Cyklohexen	100	
Diesel Fuel	â€”	
Diethylene Oxide	â€”	
Ethyl Acetate	100	
Ethyl Alcohol	96	
Ethylene Chloride	100	
Fenol (vattenl.)	ca. 9	
Food Oil	â€”	
Formaldehyd (vattenl.)	40	
Formic Acid	10	
Frost Protection Agent	â€”	
Glycerin	100	
Glykol	100	
Heating Oil	â€”	
Heptan	100	
Hydrochloric Acid	10	
Hydrochloric Acid (concentrated)	conc.	
Hydrofluoric Acid	40	
Hydrogen Peroxide	10	
Hydrogen Sulfide (aqueous)	â€”	
Isopropyl Alcohol	100	

Kemikalie	Konc.	Resultat
Klor (gas)	100	
Klorbensen	100	
Kloroform	â€”	
Kresol	â€”	
Linseed Oil	â€”	
Merkurokrom	â€”	
Methyl Alcohol	100	
Methyl Ethyl Ketone (MEK)	100	
Methylene Chloride	100	
Mineral Oils (aromatic free)	â€”	
Mj�lk	â€”	
Nitric Acid	10	
Nitric Acid	50	
Nitrobensen	â€”	
Oxalic Acid	â€”	
Ozone Gas	â‰¤ 0.5 ppm	
Paraffine Oil	100	
Perkloretylen	â€”	
Petroleum	100	
Petroleum Ether	100	
Phosphoric Acid	50	
Potassium Hydroxide liquor	50	
Premium Fuel	â€”	
Propyl Alcohol	â€”	
Pyridin	â€”	
Silicone Oil	â€”	
Sodium Carbonate (aqueous)	â€”	
Sodium Chloride (aqueous)	â€”	
Sodium Hydrogen Sulfite	â€”	
Sodium Hydroxide liquor	15	
Sodium Hydroxide liquor	60	
Sodium Nitrate (aqueous)	â€”	
Sodium Thiosulfate	â€”	
Sulfuric Acid	96	
Tetrahydrofuran (THF)	100	

Kemikalie	Konc.	Resultat
Toluen	100	●
Transformer Oil	â€”	●
Trikloretan	100	●
Vatten	â€”	●
Xylen	â€”	●
Ättika (standard)	5 - 10	●