



PA6.6 FG 12x1000 mm natur

Artikelnr P1002301

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tetthet	1.14	g/cm³	ISO 1183
Streckgren	80	MPa	ISO 527
Elastisitetsmodul (trek)	3285	MPa	ISO 527-2
Brottsdeformasjon	55	%	ISO 527-2
Smeltepunkt	260	°C	ISO 3146
Maksimal drifttemperatur (kortvarig)	140	°C	UL746B
Maksimal drifttemperatur	95	°C	
Minstemperatur	-30	°C	
Varme-forvrengning (HDT/A)	92.5	°C	ISO 75-2
Varme-forvrengning (HDT/B)	200	°C	ISO 75-2
Dielektrisk styrke	28.5	kV/mm	IEC 60243-1
Volumresistivitet	~10¹¹	Ω·cm	IEC 60093
Dielektrisk konstant (1 MHz)	3.45	-	IEC 60250
Dielektrisk konstant (100 Hz)	3.8	-	IEC 60250
Dielektrisk dissipasjonsfaktor (1 MHz)	0.11	-	IEC 60250
Dielektrisk tapfaktor (100 Hz)	0.0	-	IEC 60250
Bærefasthet	1455	MPa	ISO 178
Termisk konduktivitet	0.28	W/(m·K)	DIN 52612
Overflatemotstand	10¹¹	Ω	IEC 60093
Sammenligningskrypsindeks (CTI)	600	V	IEC 60112
Fuktabsorpsjon til metning	5.45	%	ISO 62
Vannabsorpsjon til metning	8.75	%	ISO 62
Skjæret slagfasthet (Charpy)	6	kJ/m²	ISO 179/1eA
Termisk utvidelseskoeffisient	0.8	10⁻⁵/K	DIN 11359
Hardhet Shore D	83	° Shore D	ISO 868
Kuletrykkshardhet	160	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	â€”	
Amyl Alcohol	â€”	
Apple Juice	â€”	
Bensen	â€”	
Bleaching Solution	12.5 cl	
Boric Acid	100	
Brake Fluid	â€”	
Brönsle (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€”	
Eddik (standard)	5 - 10	
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	

Kemikalie	Konc.	Resultat
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	●
Klor (gas)	100	●
Klorbensen	100	●
Kloroform	â€”	●
Kresol	â€”	●
Linseed Oil	â€”	●
Melk	â€”	●
Merkurokrom	â€”	●
Methyl Alcohol	100	●
Methyl Ethyl Ketone (MEK)	100	●
Methylene Chloride	100	●
Mineral Oils (aromatic free)	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€”	●

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