



PEEK+PTFE 80x3000 mm blÅ¥

Artikelnr P1501481

1. Tekniskt datablad

Egenskap	VÅrde	Enhet	Standard
Densitet	1.31	g/cmÅ³	ISO 1183
Elasticitetsmodul (drag)	4400	MPa	ISO 527-2
BrottÅ¶jning	20	%	ISO 527-2
SmÅltpunkt	340	Å°C	ISO 3146
Maximal drifttemperatur (korttid)	310	Å°C	
Maximal drifttemperatur	200	Å°C	
VÅrmeÅ¶rvarÅngning (HDT/A)	160	Å°C	ISO 75-2
Dielektrisk styrka	24	kV/mm	IEC 60243-1
Volymresistivitet	10Å¹Å´	Î©Å-cm	IEC 60093
Dielektrisk konstant (1 MHz)	3.6	-	IEC 60250
Dielektrisk konstant (100 Hz)	3.2	-	IEC 60250
Dielektrisk fÅ¶rlustfaktor (1 MHz)	0.0	-	IEC 60250
Dielektrisk fÅ¶rlustfaktor (100 Hz)	0.0	-	IEC 60250
BÅ¶jhÅ¶llfasthet	110	MPa	ISO 527-2
Termisk konduktivitet	0.25	W/(mÅ-K)	DIN 52612
Ytresistivitet	10Å¹Å³	Î©	IEC 60093
JÅmfÅ¶rande krypstrÅ¶msindex (CTI)	150	V	IEC 60112
Fuktabsorption till mÅ¶ttnad	0.2	%	ISO 62
Vattenabsorption till mÅ¶ttnad	0.45	%	ISO 62
SkÅ¶rad slagseghet (Charpy)	3.5	kJ/mÅ²	ISO 179/1eA
Termisk utvidgningskoefficient	0.5	10Å¶Å/K	ISO 11359
KultryckshÅ¶rdhet	230	MPa	ISO 2039-1

2. Kemisk bestÅndighet

BestÅndig Delvis bestÅndig Ej bestÅndig

Kemikalie	Konc.	Resultat
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Kemikalie	Konc.	Resultat
1,4-Dioxan	100	●
2-Hydroxypropionic Acid	90	●
Acetic Acid	100	●
Aceton	100	●
Ammoniak	â€”	●
Ammonium Chloride	â€”	●
Amyl Alcohol	â€”	●
Apple Juice	â€”	●
Bensen	â€”	●
Bleaching Solution	â€”	●
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.)	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	●

Kemikalie	Konc.	Resultat
Hydrochloric Acid (concentrated)	â€”	
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€”	
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€”	
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	

Kemikalie	Konc.	Resultat
Sodium Hydroxide liquor	60	●
Sodium Nitrate (aqueous)	â€”	●
Sodium Thiosulfate	â€”	●
Sulfuric Acid	96	●
Tetrahydrofuran (THF)	100	●
Toluen	100	●
Transformer Oil	â€”	●
Trikloreten	100	●
Vatten	â€”	●
Xylen	â€”	●
Ä„ttika (standard)	5-10	●