



PA6.6 FG 170x3000 mm natural

Artikelnr P1002379

1. Tekniskt datablad

Egenskap	V�rde	Enhet	Standard
Densidad	1.14	g/cm���	ISO 1183
L�mite de resistencia a la tracci���n	80	MPa	ISO 527
M��dulo de elasticidad (tracci���n)	3285	MPa	ISO 527-2
Deformaci���n a la rotura	55	%	ISO 527-2
Punto de fusi���n	260	���C	ISO 3146
Temperatura de servicio m��xima (corto plazo)	140	���C	UL746B
Temperatura de funcionamiento m��xima	95	���C	
Temperatura m��nima	-30	���C	
Deformaci���n t��rmica (HDT/A)	92.5	���C	ISO 75-2
Deformaci���n t��rmica (HDT/B)	200	���C	ISO 75-2
Fuerza diel���ctrica	28.5	kV/mm	IEC 60243-1
Resistividad volum���trica	~10�������	���������	IEC 60093
Constante diel���ctrica (1 MHz)	3.45	-	IEC 60250
Constante diel���ctrica (100 Hz)	3.8	-	IEC 60250
Factor de p��rdida diel���ctrica (1 MHz)	0.11	-	IEC 60250
Factor de p��rdida diel���ctrica (100 Hz)	0.0	-	IEC 60250
Resistencia a la flexi���n	1455	MPa	ISO 178
Conductividad t��rmica	0.28	W/(m���K)	DIN 52612
Resistencia superficial	10�������	���������	IEC 60093
��ndice de seguimiento comparativo (CTI)	600	V	IEC 60112
Absorci���n de agua hasta la saturaci���n	5.45	%	ISO 62
Absorci���n de agua hasta la saturaci���n	8.75	%	ISO 62
Resistencia al impacto con entalla (Charpy)	6	kJ/m�����	ISO 179/1eA
Coefficiente de expansi���n t��rmica	0.8	10�������/K	DIN 11359
Dureza Shore D	83	��� Shore D	ISO 868
Dureza a la presi���n de bala	160	MPa	ISO 2039-1

2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100	
2-Hydroxypropionic Acid	90	
Acetic Acid	100	
Acetone	100	
Ammonia	conc.	
Ammonium Chloride	â€	
Amyl Alcohol	â€	
Apple Juice	â€	
Benzene	â€	
Bleaching Solution	12.5 cl	
Boric Acid	100	
Brake Fluid	â€	
Butyl Acetate	â€	
Calcium Chloride	â€	
Carbon Disulfide	100	
Carbon Tetrachloride	â€	
Chlorine (gas)	100	
Chlorobenzene	100	
Chloroform	â€	
Citric Acid	10	
Cresol	â€	
Cyclohexanone	100	
Cyclohexene	100	
Diesel Fuel	â€	
Diethylene Oxide	â€	
Ethyl Acetate	100	
Ethyl Alcohol	96	
Ethylene Chloride	100	
Food Oil	â€	
Formaldehyde (aqueous)	40	
Formic Acid	10	
Frost Protection Agent	â€	

Kemikalie	Konc.	Resultat
Fuel (aromatic free)	â€”	
Glycerine	100	
Glycol	100	
Heating Oil	â€”	
Heptane	100	
Hydrochloric Acid	10	
Hydrochloric Acid (concentrated)	conc.	
Hydrofluoric Acid	40	
Hydrogen Peroxide	10	
Hydrogen Sulfide (aqueous)	â€”	
Isopropyl Alcohol	100	
Linseed Oil	â€”	
Mercurochrome	â€”	
Methyl Alcohol	100	
Methyl Ethyl Ketone (MEK)	100	
Methylene Chloride	100	
Milk	â€”	
Mineral Oils (aromatic free)	â€”	
Nitric Acid	10	
Nitric Acid	50	
Nitrobenzene	â€”	
Oxalic Acid	â€”	
Ozone Gas	â‰‰ 0.5 ppm	
Paraffine Oil	100	
Perchloroethylene	â€”	
Petroleum	100	
Petroleum Ether	100	
Phenol (aqueous)	ca. 9	
Phosphoric Acid	50	
Potassium Hydroxide liquor	50	
Premium Fuel	â€”	
Propyl Alcohol	â€”	
Pyridine	â€”	
Silicone Oil	â€”	
Sodium Carbonate (aqueous)	â€”	

Kemikalie	Konc.	Resultat
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	●
Toluene	100	●
Transformer Oil	â€”	●
Trichloroethylene	100	●
Vinegar (standard)	5 - 10	●
Water	â€”	●
Xylene	â€”	●