



PA6.6 GF30 130x3000 mm negro

Artikelnr P1002534

1. Tekniskt datablad

Egenskap	V�rde	Enhet	Standard
Densidad	1.3	g/cm���	ISO 1183
L�mite de resistencia a la tracci���n	100	MPa	ISO 527
M��dulo de elasticidad (tracci���n)	5900	MPa	ISO 527-2
Resistencia a la tensi���n	100	MPa	ISO 527-2
Deformaci���n a la rotura	5	%	ISO 527-2
Punto de fusi���n	257.5	��C	ISO 3146
Temperatura de servicio m��xima (corto plazo)	175	��C	UL746B
Temperatura de funcionamiento m��xima	120	��C	
Temperatura m��nima	-20	��C	
Deformaci���n t��rmica (HDT/A)	150	��C	ISO 75-2
Deformaci���n t��rmica (HDT/B)	250	��C	ISO 75
Fuerza diel��ctrica	30	kV/mm	IEC 60243-1
Resistividad volum��trica	~10�����	�����cm	IEC 60093
Constante diel��ctrica (1 MHz)	3.6	-	IEC 60250
Factor de p��rdida diel��ctrica (1 MHz)	0.0	-	IEC 60250
Conductividad t��rmica	0.31	W/(m��K)	DIN 52612
Resistencia superficial	~10�����	���	IEC 60093
��ndice de seguimiento comparativo (CTI)	475	V	IEC 60112
Absorci���n de agua hasta la saturaci���n	3.6	%	ISO 62
Absorci���n de agua hasta la saturaci���n	5.5	%	ISO 62
Resistencia al impacto con entalla (Charpy)	6	kJ/m���	ISO 179/1eA
Resistencia al impacto (Charpy)	50	kJ/m���	ISO 179/1eU
Coefficiente de expansi���n t��rmica	0.5	10�����/K	ISO 11359
Dureza Shore D	85	��� Shore D	ISO 868
Dureza a la presi���n de bala	165	MPa	ISO 2039-1

2. Kemisk best  ndighet

Beständig
Delvis beständig
Ej beständig

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

Kemikalie	Konc.	Resultat
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€”	
Sodium Chloride (aqueous)	â€”	
Sodium Hydrogen Sulfite	â€”	

Kemikalie	Konc.	Resultat
Sodium Hydroxide liquor	15	●
Sodium Hydroxide liquor	60	●
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€”	●