

PEEK GF30 16x3000 mm beige

Artikelnr P1500919

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Densidad	1.51	g/cm ³	ISO 1183
LÄmite de resistencia a la tracci3n	105	MPa	ISO 527
M3dulo de elasticidad (tracci3n)	6380	MPa	ISO 527
Resistencia a la tensi3n	180	MPa	ISO 527
Deformaci3n a la rotura	2.7	%	ISO 527
Punto de fusi3n	341	Å°C	DIN EN ISO 11357
Temperatura de servicio m3xima (corto plazo)	300	Å°C	
Temperatura de funcionamiento m3xima	260	Å°C	
Deformaci3n t3rmica (HDT/A)	328	Å°C	ISO 75
Temperatura de ablandamiento Vicat (VST/B/50)	50	Å°C	ISO 306
Fuerza diel3ctrica	20	kV/mm	IEC 60243-1
Resistividad volum3trica	10 ¹¹ Å ³	Å ³	IEC 60093
Constante diel3ctrica (1 MHz)	1	-	IEC 60250
Factor de p3rdida diel3ctrica (1 MHz)	0.0	-	IEC 60250
Clasificaci3n de resistencia al fuego (UL 94)	0		UL 94
Resistencia a la flexi3n	164	MPa	ISO 178
Conductividad t3rmica	0.35	W/(mÅ·K)	ISO 22007-4
Resistencia superficial	10 ¹¹ Å ³	Å ³	IEC 60093
Absorci3n de agua hasta la saturaci3n	0.3	%	ISO 62
Resistencia al impacto (Charpy)	32	kJ/mÅ ²	ISO 179
Coefficiente de expansi3n t3rmica	0.38	10 ⁻⁶ Å ³ /K	ISO 11359
Dureza Shore D	90	Å° Shore D	ISO 868

2. Kemisk best3ndighet

● Best3ndig ● Delvis best3ndig ● Ej best3ndig

Kemikalie

Konc.

Resultat

Kemikalie	Konc.	Resultat
1,4-Dioxane	100	●
2-Hydroxypropionic acid (lactic acid)	90	●
Acetic acid	100	●
Acetone	100	●
Ammonia	â€”	●
Ammonium chloride	â€”	●
Amyl alcohol	â€”	●
Apple juice	â€”	●
Benzene	â€”	●
Boric acid	100	●
Brake fluid	â€”	●
Butyl acetate	â€”	●
Calcium chloride	â€”	●
Carbon tetrachloride	â€”	●
Chlorine (gas)	100	●
Chlorobenzene	100	●
Chloroform	â€”	●
Citric acid	10	●
Cyclohexanone	100	●
Cyclohexene	100	●
Diesel	â€”	●
Diethylene oxide	â€”	●
Ethyl acetate	100	●
Ethyl alcohol (ethanol)	96	●
Ethylene chloride	100	●
Food oil	â€”	●
Formaldehyde (aqueous)	40	●
Formic acid	10	●
Frost protection agent	â€”	●
Fuel oil	â€”	●
Fuel, aromatic free	â€”	●
Glycerine	100	●
Glycol	100	●
Heptane	100	●
Hydrochloric acid	10	●

Kemikalie	Konc.	Resultat
Hydrochloric acid (concentrated)	â€”	●
Hydrofluoric acid	40	●
Hydrogen peroxide	10	●
Hydrogen sulfide (aqueous)	â€”	●
Isopropyl alcohol	100	●
Linseed oil	â€”	●
Mercurochrome	â€”	●
Methyl alcohol (methanol)	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€”	●
Paraffin oil	100	●
Perchloroethylene	â€”	●
Petroleum	100	●
Petroleum ether	100	●
Phenol (aqueous)	9	●
Phosphoric acid	50	●
Potassium hydroxide solution	50	●
Premium fuel	â€”	●
Propyl alcohol	â€”	●
Pyridine	â€”	●
Silicone oil	â€”	●
Sodium carbonate (aqueous)	â€”	●
Sodium chloride (aqueous)	â€”	●
Sodium hydrogen sulfite	â€”	●
Sodium hydroxide solution (caustic soda)	60	●
Sodium hydroxide solution (caustic soda)	15	●
Sodium nitrate (aqueous)	â€”	●
Sodium thiosulfate	â€”	●

Kemikalie	Konc.	Resultat
Sulphuric acid	96	●
Tetrahydrofuran (THF)	100	●
Toluene	100	●
Transformer oil	â€”	●
Trichloroethylene	100	●
Vinegar (standard)	5-10	●
Water	â€”	●
Xylene	â€”	●