

PEEK Mod 125/50x3000 mm negro

Artikelnr P1501214

1. Tekniskt datablad

Egenskap	VÄrde	Enhet	Standard
Densidad	1.31	g/cm ³	ISO 1183
LÄmite de resistencia a la tracci3n	112	MPa	ISO527-2
M3dulo de elasticidad (tracci3n)	4400	MPa	ISO 527-2
Resistencia a la tensi3n	67	MPa	ISO 527
Deformaci3n a la rotura	20	%	ISO 527-2
Punto de fusi3n	340	Å°C	ISO 3146
Temperatura de servicio m3xima (corto plazo)	291	Å°C	UL746B
Temperatura de funcionamiento m3xima	245	Å°C	
Temperatura m3nima	-35	Å°C	
Deformaci3n t3rmica (HDT/A)	160	Å°C	ISO 75-2
Deformaci3n t3rmica (HDT/B)	240	Å°C	ISO 75
Temperatura de ablandamiento Vicat (VST/B/50)	50	Å°C	ISO 306
Fuerza diel3ctrica	24	kV/mm	IEC 60243-1
Resistividad volum3trica	10 ¹⁴	Ω·cm	IEC 60093
Constante diel3ctrica (1 MHz)	3.6	-	IEC 60250
Constante diel3ctrica (100 Hz)	3.2	-	IEC 60250
Factor de p3rdida diel3ctrica (1 MHz)	0.0	-	IEC 60250
Factor de p3rdida diel3ctrica (100 Hz)	0.0	-	IEC 60250
Clasificaci3n de resistencia al fuego (UL 94)	0		UL 94
Resistencia a la flexi3n	110	MPa	ISO 527-2
Conductividad t3rmica	0.25	W/(mÅ·K)	DIN 52612
Resistencia superficial	10 ¹⁴	Ω	IEC 60093
Åndice de seguimiento comparativo (CTI)	150	V	IEC 60112
Absorci3n de agua hasta la saturaci3n	0.2	%	ISO 62
Absorci3n de agua hasta la saturaci3n	0.45	%	ISO 62
Resistencia al impacto con entalla (Charpy)	3.5	kJ/m ²	ISO 179/1eA

Egenskap	V�rde	Enhet	Standard
Resistencia al impacto (Charpy)	92	kJ/m� ²	ISO179/1eU
Coefficiente de expansi�n t�rmica	0.5	10� ⁻⁶ /K	DIN 11359
Dureza Shore D	90	� Shore D	DIN EN ISO 868
Dureza a la presi�n de bala	230	MPa	ISO 2039-1

2. Kemisk best ndighet

● Best ndig
 ● Delvis best ndig
 ● Ej best ndig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100	●
2-Hydroxypropionic acid (lactic acid)	90	●
Acetic acid	100	●
Acetone	100	●
Ammonia	�	●
Ammonium chloride	�	●
Amyl alcohol	�	●
Apple juice	�	●
Benzene	�	●
Boric acid	100	●
Brake fluid	�	●
Butyl acetate	�	●
Calcium chloride	�	●
Carbon tetrachloride	�	●
Chlorine (gas)	100	●
Chlorobenzene	100	●
Chloroform	�	●
Citric acid	10	●
Cyclohexanone	100	●
Cyclohexene	100	●
Diesel	�	●
Diethylene oxide	�	●
Ethyl acetate	100	●
Ethyl alcohol (ethanol)	96	●
Ethylene chloride	100	●
Food oil	�	●

Kemikalie	Konc.	Resultat
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	●
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	50	●
Nitric acid	10	●
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€”	●

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