

PEI 38,1x2440 mm Åimbar

Artikelnr P1003404

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Densidad	1.27	g/cm ³	ISO 1183
LÄmite de resistencia a la tracci3n	108.3	MPa	ISO 527
M3dulo de elasticidad (tracci3n)	3333.3	MPa	ISO 527
Resistencia a la tensi3n	85	MPa	ISO 527
Deformaci3n a la rotura	36.7	%	ISO 527
Punto de fusi3n	217	Å°C	ISO 3146
Temperatura de servicio m3xima (corto plazo)	170	Å°C	UL746B
Deformaci3n t3rmica (HDT/A)	190	Å°C	ISO 75
Deformaci3n t3rmica (HDT/B)	200	Å°C	ISO 75
Temperatura de ablandamiento Vicat (VST/B/50)	211	Å°C	ISO 306
Fuerza diel3ctrica	33	kV/mm	IEC 60243-1
Resistividad volum3trica	10 ¹¹ Å ³	ÎÅ-cm	IEC 60093
Constante diel3ctrica (1 MHz)	2.9	-	IEC 60250
Factor de p3rdida diel3ctrica (1 MHz)	0.0	-	IEC 60250
Resistencia a la flexi3n	158.3	MPa	ISO 178
Conductividad t3rmica	0.24	W/(mÅ·K)	ISO 22007-4
Resistencia superficial	10 ¹¹ Å ³	Î	IEC 60093
Ändice de seguimiento comparativo (CTI)	125	V	IEC 60112
Absorci3n de agua hasta la saturaci3n	0.8	%	ISO 62
Absorci3n de agua hasta la saturaci3n	0.8	%	ISO 62
Resistencia al impacto con entalla (Charpy)	4	kJ/mÅ ²	ISO 180
Resistencia al impacto (Charpy)	115	kJ/mÅ ²	ISO 179
Coefficiente de expansi3n t3rmica	0.56	10 ⁻⁶ Å/K	ISO 11359
Dureza Shore D	87	Å° Shore D	ISO 868
Dureza a la presi3n de bala	220	MPa	ISO 2039

2. Kemisk best3ndighet

● Beständigt
 ● Delvis beständigt
 ● Ej beständigt

Kemikalie	Konc.	Resultat
1,4-Dioxane	100%	●
Acetone	100%	●
Ammonia	concentrated	●
Ammonium chloride	â€”	●
Apple juice	â€”	●
Brake fluid	â€”	●
Calcium chloride	â€”	●
Chlorobenzene	100%	●
Chloroform	â€”	●
Citric acid	10%	●
Diesel	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 (aromatic free)	â€”	●
Fuel oil	â€”	●
Glycerine	100%	●
Glycol	100%	●
Heptane	100%	●
Hydrochloric acid	10%	●
Hydrochloric acid (concentrated)	concentrated	●
Methyl alcohol (methanol)	100%	●
Methyl ethyl ketone (MEK)	100%	●
Methylene chloride	100%	●
Milk	â€”	●
Mineral oil (aromatic free)	â€”	●
Nitric acid	10%	●
Nitric acid	50%	●
Paraffin oil	100%	●

Kemikalie	Konc.	Resultat
Phosphoric acid	50%	●
Potassium hydroxide solution	50%	●
Premium fuel	â€”	●
Pyridine	â€”	●
Silicone oil	â€”	●
Sodium carbonate (aqueous)	â€”	●
Sodium chloride (aqueous)	â€”	●
Sodium hydrogen sulfite	â€”	●
Sulphuric acid	96%	●
Tetrahydrofuran (THF)	100%	●
Toluene	100%	●
Transformer oil	â€”	●
Trichloroethylene	100%	●
Vinegar (standard)	5-10%	●
Water	â€”	●