PEI 12,7x2440 mm ruskea

Artikelnr P1003402

1. Tekniskt datablad

Egenskap	VÃ¤rde	Enhet	Standard
Tiheys	1.27	g/cmÂ³	ISO 1183
Venymisrajan jÃ¤nnitys	108.3	MPa	ISO 527
Joustavuusmoduli (vetolujuus)	3333.3	MPa	ISO 527
Murtolujuus	85	MPa	ISO 527
MurtovenymÃ¤	36.7	%	ISO 527
Sulamispiste	217	Â°C	ISO 3146
Maksimaalinen kÃ¤yttÃ¶lÃ¤mpÃ¶tila (lyhytaikainen)	170	Â°C	UL746B
LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/A)	190	Â°C	ISO 75
LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/B)	200	Â°C	ISO 75
Vicat-pehmenemislÃ¤mpÃ¶tila (VST/B/50)	211	Â°C	ISO 306
Dielektrinen voimakkuus	33	kV/mm	IEC 60243-1
Tilavuusresistanssi	10Â¹Â³	Î©Â·cm	IEC 60093
Dielektrinen vakio (1 MHz)	2.9	-	IEC 60250
Dielektrinen hajoamiskerroin (1 MHz)	0.0	-	IEC 60250
Taivutuslujuus	158.3	MPa	ISO 178
LÃ¤mmÃ¶njohtavuus	0.24	W/(mÂ·K)	ISO 22007-4
Pintaresistanssi	10Â¹Â³	Î©	IEC 60093
Vertailukulkemisindeksi (CTI)	125	V	IEC 60112
Imeytymisen maksimointi	0.8	%	ISO 62
Vesihaku kyllÃ¤stymiseen	0.8	%	ISO 62
SÃ¤rkyÃ¤kesto (Charpy)	4	kJ/mÂ²	ISO 180
IskunkestÃ¤vyys (Charpy)	115	kJ/mÂ²	ISO 179
LÃ¤mpÃ¶laajenemiskerroin	0.56	10â»â´/K	ISO 11359
Kovuus Shore D	87	Â° Shore D	ISO 868
Kulmapaineen kovuus	220	MPa	ISO 2039

2. Kemisk bestÃ¤ndighet

BestÃ□ndig Delvis bestÃ□ndig Ej bestÃ□ndig

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€”	🟢

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