PE-1000 2000x1000x4 mm luonnollinen

Artikelnr P1200253

1. Tekniskt datablad

Egenskap	VÃ¤rde	Enhet	Standard
Tiheys	0.95	g/cmÂ³	ISO 1183
Venymisrajan jÃ¤nnitys	17	MPa	ISO 527
Joustavuusmoduli (vetolujuus)	800	MPa	DIN EN ISO 527-1/2
Murtolujuus	40	MPa	ISO 527
MurtovenymÃ¤	200	%	ISO 527
Sulamispiste	135	Â°C	ISO 3146
Maksimaalinen kÃ¤yttÃ¶lÃ¤mpÃ¶tila (lyhytaikainen)	100	Â°C	
Maksimi kÃ¤yttÃ¶lÃ¤mpÃ¶tila	64	Â°C	
Alin lÃ¤mpÃ¶tila	-214	Â°C	UL746B
LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/A)	42	Â°C	ISO 75
LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/B)	65	Â°C	ISO 75
Vicat-pehmenemislÃ¤mpÃ¶tila (VST/B/50)	79	Â°C	DIN EN ISO 306
Dielektrinen voimakkuus	45	kV/mm	IEC 60243-1
Tilavuusresistanssi	1	â„¦	IEC 60093
Dielektrinen vakio (1 MHz)	2.3	-	IEC 60250
Dielektrinen vakio (100 Hz)	2.55	-	IEC 60250
Dielektrinen hajoamiskerroin (1 MHz)	0.0	-	IEC 60250
Dielektrinen hajoamiskerroin (100 Hz)	0.0	-	IEC 60250
Paloaluokitus (UL 94)	3		UL 94
Taivutuslujuus	17	MPa	ISO 527-2
LÃ¤mmÃ¶njohtavuus	0.4	W/(mÂ·K)	DIN 52612
Pintaresistanssi	10Â¹Â²	Î©	IEC 60093
Vertailukulkemisindeksi (CTI)	600	V	IEC 60112
Imeytymisen maksimointi	0.01	%	
Vesihaku kyllÃ¤stymiseen	0.01	%	ISO 62
SÃ¤rkyÃ¤kesto (Charpy)	80	kJ/mÂ²	ISO 11542-2
IskunkestÃ¤vyys (Charpy)	80	kJ/mÂ²	DIN EN ISO 179-1/2

Egenskap	VÃ¤rde	Enhet	Standard
LÃ¤mpÃ¶laajenemiskerroin	2	10â»â´/K	ISO 11359
Kovuus Shore D	60	Â° Shore D	shore D
Kulmapaineen kovuus	34	MPa	ISO 2039-1
Kuumakuitu 1% venymisessÃ¤	24	MPa	ISO 178

2. Kemisk bestÃ¤ndighet

BestÃ¤ndig Delvis bestÃ¤ndig Ej bestÃ¤ndig

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€”	
Benzene	â€”	
Boric acid	100	
Brake fluid	â€”	
Butyl acetate	â€”	
Calcium chloride	â€”	
Citric acid	10	
Cresol	â€”	
Cyclohexanone	100	
Cyclohexene	100	
Diesel	â€”	
Ethyl acetate	100	
Ethyl alcohol (ethanol)	96	
Food oil	â€”	
Formaldehyde, aqueous	40	
Formic acid	10	
Frost protection agent	â€”	
Fuel oil	â€”	
Fuel, aromatic free	â€”	
Glycerine	100	

Kemikalie	Konc.	Resultat
Glycol	100	🟢
Heptane	100	🟢
Hydrochloric acid	10	🟢
Hydrochloric acid (concentrated)	â€”	🟢
Hydrogen peroxide	10	🟢
Isopropyl alcohol	100	🟢
Linseed oil	â€”	🟢
Mercurochrome	â€”	🟢
Methyl alcohol (methanol)	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‰¤ 0.5 ppm	🟢
Paraffin oil	100	🟢
Perchloroethylene	â€”	🟡
Petroleum ether	100	🟢
Phenol, aqueous	ca. 9	🟢
Phosphoric acid	50	🟢
Potassium hydroxide solution	50	🟢
Premium fuel	â€”	🟢
Propyl alcohol	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	🟡

Kemikalie	Konc.	Resultat
Transformer oil	â€”	
Vinegar, standard	5 - 10	
Water	â€”	
Xylene	â€”