PVDF 22x1000 mm musta

Artikelnr P1010506

1. Tekniskt datablad

Egenskap	VÃ¤rde	Enhet	Standard
Tiheys	1.78	g/cmÂ³	ISO1183
Venymisrajan jÃ¤nnitys	40	MPa	ISO 527
Joustavuusmoduli (vetolujuus)	2200	MPa	ISO527-2
Murtolujuus	46	MPa	ISO 527
MurtovenymÃ¤	17	%	ISO527-2
Sulamispiste	171	Â°C	ISO11357
Maksimaalinen kÃ¤yttÃ¶lÃ¤mpÃ¶tila (lyhytaikainen)	142	Â°C	UL746B
Maksimi kÃ¤yttÃ¶lÃ¤mpÃ¶tila	130	Â°C	UL746B
Alin lÃ¤mpÃ¶tila	-26	Â°C	
LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/A)	104	Â°C	ISO 75
LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/B)	145	Â°C	ISO 75
Vicat-pehmenemislÃ¤mpÃ¶tila (VST/B/50)	138	Â°C	ISO 306
Dielektrinen voimakkuus	27	kV/mm	IEC 60243-1
Tilavuusresistanssi	10Â¹Â³	Î©Â·cm	IEC 60093
Dielektrinen vakio (1 MHz)	7.7	-	IEC 60250
Dielektrinen hajoamiskerroin (1 MHz)	0.1	-	IEC 60250
Taivutuslujuus	62	MPa	ISO527-2
LÃ¤mmÃ¶njohtavuus	0.25	W/(mÂ·K)	DIN22007-4
Pintaresistanssi	10Â¹â´	Î©	IEC60093
Vertailukulkemisindeksi (CTI)	600	V	IEC 60112
Imeytymisen maksimointi	0.15	%	ISO62
Vesihaku kyllÃ¤stymiseen	0.35	%	ISO62
SÃ¤rkyÃ¤kesto (Charpy)	8	kJ/mÂ²	ISO 179
IskunkestÃ¤vyys (Charpy)	150	kJ/mÂ²	ISO179/1eU
LÃ¤mpÃ¶laajenemiskerroin	1.6	10â»â´/K	ISO11359
Kovuus Shore D	80	Â° Shore D	ISO868
Kulmapaineen kovuus	120	MPa	ISO 2039

Egenskap	VÃ¤rde	Enhet	Standard

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€”	
Apple juice	â€”	
Benzene	â€”	
Bleaching solution	â€”	
Boric acid	100	
Brake fluid	â€”	
Butyl acetate	â€”	
Calcium chloride	â€”	
Carbon disulphide	100	
Carbon tetrachloride	â€”	
Chlorine (gas)	100	
Chlorobenzene	100	
Chloroform	â€”	
Citric acid	10	
Cresol	â€”	
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	

Kemikalie	Konc.	Resultat
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	10	🟢
Nitric acid (50%)	50	🟢
Nitrobenzene	â€”	🟢
Oxalic acid	â€”	🟢
Ozone (gas)	â‰¤ 0.5 ppm	🟢
Paraffin oil	100	🟢
Perchloroethylene	â€”	🟢
Petroleum	100	🟢
Phenol (aqueous)	ca. 9	🟢
Phosphoric acid	50	🟢
Potassium hydroxide solution	50	🟢
Premium fuel	â€”	🟢
Propyl alcohol	â€”	🟢
Pyridine	â€”	🔴

Kemikalie	Konc.	Resultat
Silicone oil	â€”	🟢
Sodium carbonate (aqueous)	â€”	🟢
Sodium chloride (aqueous)	â€”	🟢
Sodium hydrogen sulfite	â€”	🟢
Sodium hydroxide solution (60%)	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€”	🟢