



PC GF30 70x1000 mm luonnollinen

Artikelnr P1002818

1. Tekniskt datablad

Egenskap	VÄrde	Enhet	Standard
Tiheys	1.2	g/cm ³	ISO 1183
Venymisrajan jännitys	75	MPa	ISO 527
Joustavuusmoduli (vetolujuus)	2400	MPa	ISO 527-2
Murtolujuus	60	MPa	
Murtovenymä	50	%	ISO 527-2
Sulamispiste	160	°C	ISO 3146
Maksimaalinen käyttölämpötila (lyhytaikainen)	119	°C	UL746B
Maksimi käyttölämpötila	113.75	°C	
Alin lämpötila	-54	°C	UL746B
Lämpötilakäyrä (HDT/A)	130	°C	ISO 75-2
Lämpötilakäyrä (HDT/B)	140	°C	ISO 75
Vicat-pehmenemislämpötila (VST/B/50)	150	°C	ISO 306
Dielektrinen voimakkuus	29	kV/mm	IEC 60243-1
Tilavuusresistanssi	10 ¹¹	Ω·cm	IEC 60093
Dielektrinen vakio (1 MHz)	2.98	-	IEC 60250
Dielektrinen vakio (100 Hz)	3	-	IEC 60250
Dielektrinen hajoamiskerroin (1 MHz)	0.0	-	IEC 60250
Dielektrinen hajoamiskerroin (100 Hz)	0.0	-	IEC 60250
Paloaluokitus (UL 94)	0		UL 94
Taivutuslujuus	2400	MPa	ISO 178
Lämpöjohtavuus	0.21	W/(m·K)	DIN 52612
Pintaresistanssi	10 ¹¹ Ω	Ω	IEC 60093
Vertailukemisindeksi (CTI)	279.2	V	IEC 60112
Imeytymisen maksimointi	0.15	%	ISO 62
Vesihaku kyllästymiseen	0.35	%	ISO 62
Särkyäkesto (Charpy)	9	kJ/m ²	ISO 179/1eA
Lämpölaajenemiskerroin	0.65	10 ⁻⁶ /K	DIN 11359

Egenskap	V�rde	Enhet	Standard
Kovuus Shore D	85	� Shore D	ISO 868
Kulmapaineen kovuus	120	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	conc.	●
Ammonium chloride	��	●
Apple juice	��	●
Benzene	��	●
Bleaching solution	12.5 cl	●
Boric acid	100%	●
Butyl acetate	��	●
Calcium chloride	��	●
Carbon disulphide	100%	●
Carbon tetrachloride	��	●
Chlorine (gas)	100%	●
Chlorobenzene	100%	�
Chloroform	��	�
Citric acid	10%	●
Cresol	��	�
Cyclohexanone	100%	�
Cyclohexene	100%	�
Diesel	��	●
Diethylene oxide	��	�
Ethyl acetate	100%	�
Ethyl alcohol (ethanol)	96%	●
Ethylene chloride	100%	�
Food oil	��	●
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)	conc.	●
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€”	●
Nitric acid (10%)	10%	●
Nitric acid (50%)	50%	●
Nitrobenzene	â€”	●
Oxalic acid	â€”	●
Ozone (gas)	â‰ƒ 0.5 ppm	●
Paraffin oil	100%	●
Perchloroethylene	â€”	●
Petroleum	100%	●
Petroleum ether	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 (15%)	15%	●
Sodium hydroxide solution (60%)	60%	●
Sodium nitrate, aqueous	â€”	●
Sulphuric acid	96%	●
Tetrahydrofuran (THF)	100%	●
Toluene	100%	●
Trichloroethylene	100%	●
Vinegar, standard	5-10%	●
Water	â€”	●
Xylene	â€”	●