PC 20x3000 mm lÃ¤pinÃ¤kyvÃ¤

Artikelnr P1002639

1. Tekniskt datablad

Egenskap	VÃ¤rde	Enhet	Standard
Tiheys	1.2	g/cmÂ³	ISO 1183
Venymisrajan jÃ¤nnitys	75	MPa	ISO 527
Joustavuusmoduli (vetolujuus)	2400	MPa	ISO 527-2
Murtolujuus	60	MPa	
MurtovenymÃ¤	50	%	ISO 527-2
Sulamispiste	160	Â°C	ISO 3146
Maksimaalinen kÃ¤yttÃ¶lÃ¤mpÃ¶tila (lyhytaikainen)	119	Â°C	UL746B
Maksimi kÃ¤yttÃ¶lÃ¤mpÃ¶tila	113.75	Â°C	
Alin lÃ¤mpÃ¶tila	-54	Â°C	UL746B
LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/A)	130	Â°C	ISO 75-2
LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/B)	140	Â°C	ISO 75
Vicat-pehmenemislÃ¤mpÃ¶tila (VST/B/50)	150	Â°C	ISO 306
Dielektrinen voimakkuus	29	kV/mm	IEC 60243-1
Tilavuusresistanssi	10Â¹Â³	Î©Â·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
LÃ¤mmÃ¶njohtavuus	0.21	W/(mÂ·K)	DIN 52612
Pintaresistanssi	10Â¹âµ	Î©	IEC 60093
Vertailukulkemisindeksi (CTI)	279.2	V	IEC 60112
Imeytymisen maksimointi	0.15	%	ISO 62
Vesihaku kyllÃ¤stymiseen	0.35	%	ISO 62
SÃ¤rkyÃ¤kesto (Charpy)	9	kJ/mÂ²	ISO 179/1eA
LÃ¤mpÃ¶laajenemiskerroin	0.65	10â»â´/K	DIN 11359

Egenskap	VÃ□rde	Enhet	Standard
Kovuus Shore D	85	Â° Shore D	ISO 868
Kulmapaineen kovuus	120	MPa	ISO 2039-1

2. Kemisk bestÃ¤ndighet

BestÃ□ndig Delvis bestÃ□ndig Ej bestÃ□ndig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100%	Delvis bestÃ□ndig
2-Hydroxypropionic acid (lactic acid)	90%	BestÃ□ndig
Acetic acid	100%	Ej bestÃ□ndig
Acetone	100%	Ej bestÃ□ndig
Ammonia	conc.	Ej bestÃ□ndig
Ammonium chloride	â€”	BestÃ□ndig
Apple juice	â€”	Delvis bestÃ□ndig
Benzene	â€”	Ej bestÃ□ndig
Bleaching solution	12.5 cl	Ej bestÃ□ndig
Boric acid	100%	BestÃ□ndig
Butyl acetate	â€”	Ej bestÃ□ndig
Calcium chloride	â€”	BestÃ□ndig
Carbon disulphide	100%	Ej bestÃ□ndig
Carbon tetrachloride	â€”	Ej bestÃ□ndig
Chlorine (gas)	100%	Delvis bestÃ□ndig
Chlorobenzene	100%	Ej bestÃ□ndig
Chloroform	â€”	Ej bestÃ□ndig
Citric acid	10%	BestÃ□ndig
Cresol	â€”	Ej bestÃ□ndig
Cyclohexanone	100%	Ej bestÃ□ndig
Cyclohexene	100%	Ej bestÃ□ndig
Diesel	â€”	Delvis bestÃ□ndig
Diethylene oxide	â€”	Ej bestÃ□ndig
Ethyl acetate	100%	Ej bestÃ□ndig
Ethyl alcohol (ethanol)	96%	Delvis bestÃ□ndig
Ethylene chloride	100%	Ej bestÃ□ndig
Food oil	â€”	BestÃ□ndig
Formaldehyde, aqueous	40%	BestÃ□ndig

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‰¤ 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€”	●

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