Komplett teknisk dokumentation

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ABS 1000x500x60 mm luonnollinen

Artikelnr P1000110

1. Tekniskt datablad

Egenskap	VÃ¤rde	Enhet	Standard
Tiheys	1.05	g/cmÂ³	ISO 1183
Venymisrajan jÃ¤nnitys	37	MPa	ISO 527-2
Joustavuusmoduli (vetolujuus)	2600	MPa	ISO 527-2
Murtolujuus	36.5	MPa	ISO 527-2
MurtovenymÃ¤	5	%	ISO 527-2
Sulamispiste	235	Â°C	ISO 3146
Maksimaalinen kÃ¤yttÃ¶lÃ¤mpÃ¶tila (lyhytaikainen)	93	Â°C	UL746B
Maksimi kÃ¤yttÃ¶lÃ¤mpÃ¶tila	82.5	Â°C	
LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/A)	80	Â°C	ISO 75-2
LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/B)	100	Â°C	ISO 75-2
Vicat-pehmenemislÃ¤mpÃ¶tila (VST/B/50)	101	Â°C	ISO 306
Dielektrinen voimakkuus	18	kV/mm	IEC 60243-1
Tilavuusresistanssi	10Â¹âµ	Î©Â·cm	IEC 60093
Dielektrinen vakio (1 MHz)	2.6	-	IEC 60250
Dielektrinen hajoamiskerroin (1 MHz)	0.0	-	IEC 60250
Taivutuslujuus	2500	MPa	ISO 178
LÃ¤mmÃ¶njohtavuus	0.2	W/(mÂ·K)	DIN 52612
Pintaresistanssi	10Â¹âµ	Î©	IEC 60093
Vertailukulkemisindeksi (CTI)	600	V	IEC 60112
Imeytymisen maksimointi	0.2	%	ISO 62
Vesihaku kyllÃ¤stymiseen	1	%	ISO 62
SÃ¤rkyÃ¤kesto (Charpy)	25	kJ/mÂ²	ISO 179/1eA
IskunkestÃ¤vyys (Charpy)	170	kJ/mÂ²	ISO 179/1eU
LÃ¤mpÃ¶laajenemiskerroin	0.8	10â»â´/K	DIN 11359
Kovuus Shore D	70	Â° Shore D	ISO 868

Egenskap	VÃ□rde	Enhet	Standard
Rockwell-kovuus	80	R-scale	DIN EN ISO 2039-2
Kulmapaineen kovuus	98	MPa	ISO 2039-1

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€”	
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€”	
Ethyl acetate	100	
Ethyl alcohol (ethanol)	96	
Ethylene chloride	100	
Food oil	â€”	
Formaldehyde, aqueous	40	
Formic acid	10	

Kemikalie	Konc.	Resultat
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€”	🟢
Nitric acid	50	🟢
Nitric acid	10	🟢
Nitrobenzene	â€”	🔴
Oxalic acid	â€”	🟢
Ozone (gas)	â€”	🟢
Paraffin oil	100	🟢
Perchloroethylene	â€”	🔴
Petroleum	100	🟡
Petroleum ether	100	🔴
Phenol, aqueous	9	🟡
Phosphoric acid	50	🟢
Potassium hydroxide solution	50	🟢
Premium fuel	â€”	🔴
Propyl alcohol	â€”	🟢
Pyridine	â€”	🔴
Silicone oil	â€”	🟢
Sodium carbonate, aqueous	â€”	🟢

Kemikalie	Konc.	Resultat
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	🔴
Tetrahydrofuran (THF)	100	🔴
Toluene	100	🔴
Transformer oil	â€”	🟢
Trichloroethylene	100	🔴
Vinegar (standard)	5-10	🟢
Water	â€”	🟢
Xylene	â€”	🔴

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