



ABS 100x1000 mm luonnollinen

Artikelnr P1000019

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tiheys	1.05	g/cm³	ISO 1183
Venymisrajan jännitys	37	MPa	ISO 527-2
Joustavuusmoduli (vetolujuus)	2600	MPa	ISO 527-2
Murtolujuus	36.5	MPa	ISO 527-2
Murtovenymä	5	%	ISO 527-2
Sulamispiste	235	°C	ISO 3146
Maksimaalinen käyttölämpötila (lyhytaikainen)	93	°C	UL746B
Maksimi käyttölämpötila	82.5	°C	
Lämpökestävyys (HDT/A)	80	°C	ISO 75-2
Lämpökestävyys (HDT/B)	100	°C	ISO 75-2
Vicat-pehmenemislämpötila (VST/B/50)	101	°C	ISO 306
Dielektrinen voimakkuus	18	kV/mm	IEC 60243-1
Tilavuusresistanssi	10 ⁻⁶	Å·cm	IEC 60093
Dielektrinen vakio (1 MHz)	2.6	-	IEC 60250
Dielektrinen hajoamiskerroin (1 MHz)	0.0	-	IEC 60250
Taivutuslujuus	2500	MPa	ISO 178
Lämpöjohtavuus	0.2	W/(m·K)	DIN 52612
Pintaresistanssi	10 ⁻⁶	Î	IEC 60093
Vertailukemisindeksi (CTI)	600	V	IEC 60112
Imeytymisen maksimointi	0.2	%	ISO 62
Vesihaku kyllästymiseen	1	%	ISO 62
Särkyäkesto (Charpy)	25	kJ/m²	ISO 179/1eA
Iskunkestävyys (Charpy)	170	kJ/m²	ISO 179/1eU
Lämpölaajenemiskerroin	0.8	10 ⁻⁶ /K	DIN 11359
Kovuus Shore D	70	° Shore D	ISO 868
Rockwell-kovuus	80	R-scale	DIN EN ISO 2039-2
Kulmapaineen kovuus	98	MPa	ISO 2039-1

Egenskap	V�rde	Enhet	Standard
----------	-------	-------	----------

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	��	●
Ammonium chloride	��	●
Amyl alcohol	��	●
Apple juice	��	●
Benzene	��	●
Brake fluid	��	●
Butyl acetate	��	●
Calcium chloride	��	●
Carbon disulphide	100	●
Carbon tetrachloride	��	●
Chlorine gas	100	●
Chlorobenzene	100	●
Chloroform	��	●
Citric acid	10	●
Cresol	��	●
Cyclohexanone	100	●
Cyclohexene	100	●
Diesel	��	●
Ethyl acetate	100	●
Ethyl alcohol (ethanol)	96	●
Ethylene chloride	100	●
Food oil	��	●
Formaldehyde, aqueous	40	●
Formic acid	10	●
Frost protection agent	��	●
Fuel oil	��	●

Kemikalie	Konc.	Resultat
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€”	
Sodium chloride, aqueous	â€”	

Kemikalie	Konc.	Resultat
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€”	●