ABS 1000x500x40 mm natural

Artikelnr P1000107

1. Tekniskt datablad

Egenskap	VÃ□rde	Enhet	Standard
Densidad	1.05	g/cmÂ³	ISO 1183
LÃmite de resistencia a la tracciÃ³n	37	MPa	ISO 527-2
MÃ³dulo de elasticidad (tracciÃ³n)	2600	MPa	ISO 527-2
Resistencia a la tensiÃ³n	36.5	MPa	ISO 527-2
DeformaciÃ³n a la rotura	5	%	ISO 527-2
Punto de fusiÃ³n	235	Â°C	ISO 3146
Temperatura de servicio mÃ¡xima (corto plazo)	93	Â°C	UL746B
Temperatura de funcionamiento mÃ¡xima	82.5	Â°C	
DeformaciÃ³n tÃ©rmica (HDT/A)	80	Â°C	ISO 75-2
DeformaciÃ³n tÃ©rmica (HDT/B)	100	Â°C	ISO 75-2
Temperatura de ablandamiento Vicat (VST/B/50)	101	Â°C	ISO 306
Fuerza dielÃ©ctrica	18	kV/mm	IEC 60243-1
Resistividad volumÃ©trica	10Â¹âµ	Î©Â·cm	IEC 60093
Constante dielÃ©ctrica (1 MHz)	2.6	-	IEC 60250
Factor de pÃ©rdida dielÃ©ctrica (1 MHz)	0.0	-	IEC 60250
Resistencia a la flexiÃ³n	2500	MPa	ISO 178
Conductividad tÃ©rmica	0.2	W/(mÂ·K)	DIN 52612
Resistencia superficial	10Â¹âµ	Î©	IEC 60093
Ãndice de seguimiento comparativo (CTI)	600	V	IEC 60112
AbsorciÃ³n de agua hasta la saturaciÃ³n	0.2	%	ISO 62
AbsorciÃ³n de agua hasta la saturaciÃ³n	1	%	ISO 62
Resistencia al impacto con entalla (Charpy)	25	kJ/mÂ²	ISO 179/1eA
Resistencia al impacto (Charpy)	170	kJ/mÂ²	ISO 179/1eU
Coeficiente de expansiÃ³n tÃ©rmica	0.8	10â»â´/K	DIN 11359
Dureza Shore D	70	Â° Shore D	ISO 868
Dureza Rockwell	80	R-scale	DIN EN ISO 2039-2

Egenskap	VÃ□rde	Enhet	Standard
Dureza a la presiÃ³n de bala	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	🟢
Frost protection agent	â€”	🟢
Fuel oil	â€”	🟢

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€”	🔴