PA12 105x3000 mm natural

Artikelnr P1000351

1. Tekniskt datablad

Egenskap	VÃ¤rde	Enhet	Standard
Density	1.04	g/cmÂ³	
Tensile Strength	66	MPa	ISO 527
Modulus of elasticity (tensile)	1470	MPa	ISO 527
Breakdown Voltage	45	MPa	ISO 527
Break Elongation	50	%	ISO 527
Melting point	180	Â°C	DIN EN ISO 11357
Maximal operating temperature (short-term)	133	Â°C	UL746B
Maximum Operating Temperature	110	Â°C	
Heat deflection temperature (HDT/A)	115	Â°C	ISO 75
Heat deflection temperature (HDT/B)	135	Â°C	ISO 75
Vicat softening temperature (VST/B/50)	50	Â°C	ISO 306
Dielectric Strength	34	kV/mm	IEC 60243-1
Volume Resistivity	10Â¹Â¹	â„¡	IEC 60093
Dielectric Constant (1 MHz)	1	-	IEC 60250
Dielectric loss factor (1 MHz)	1	-	IEC 60250
Flammability Classification (UL 94)	60695		UL 94
Flexural Strength	53	MPa	DIN EN ISO 527-2
Surface Resistivity	~10Â¹Â³	Î©	IEC 60093
Comparative Tracking Index (CTI)	600	V	IEC 60112
Water absorption to saturation	3	%	ISO 62
Water Absorption to Saturation	3	%	ISO 62
Notched impact strength (Charpy)	7	kJ/mÂ²	DIN EN ISO 179-1
Thermal Expansion Coefficient	0.9	10â»â´/K	ISO 11359
Hardness Shore D	83	Â° Shore D	ISO 868
Ball pressure hardness	90	MPa	ISO 2039

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	
Acetone	100	
Ammonia	conc.	
Ammonium chloride	â€”	
Amyl alcohol	â€”	
Apple juice	â€”	
Benzene	â€”	
Bleaching solution	12.5 cl	
Boric acid	100	
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€”	
Diethylene oxide	â€”	
Ethyl acetate	100	
Ethyl alcohol (ethanol)	96	
Ethylene chloride	100	
Food oil	â€”	
Formaldehyde (aqueous)	40	
Formic acid	10	
Fuel (aromatic free)	â€”	
Fuel oil	â€”	
Glycerine	100	

Kemikalie	Konc.	Resultat
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€”	🟢
Mineral oils (aromatic free)	â€”	🟢
Nitric acid	50	🔴
Nitric acid	10	🔴
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€”	🟡
Silicone oil	â€”	🟢
Sodium carbonate (aqueous)	â€”	🟢
Sodium chloride (aqueous)	â€”	🟢
Sodium hydroxide solution (caustic soda)	15	🟢
Sodium nitrate (aqueous)	â€”	🟢

Kemikalie	Konc.	Resultat
Sodium thiosulfate	â€”	🟢
Sulphuric acid	96	🔴
Tetrahydrofuran (THF)	100	🟡
Toluene	100	🟢
Transformer oil	â€”	🟢
Trichloroethylene	100	🟡
Vinegar (standard)	5 - 10	🟢
Water	â€”	🟢
Xylene	â€”	🟢