PVC U 85x2000 mm grÃ¥

Artikelnr P1201133

1. Tekniskt datablad

Egenskap	VÃ□rde	Enhet	Standard
Density	1.53	g/cmÂ³	ASTM D792
Tensile Strength	48.8	MPa	ASTM D638
Modulus of elasticity (tensile)	2669	MPa	ASTM D638
Breakdown Voltage	40	MPa	ISO 527
Break Elongation	14	%	ISO 527
Melting point	189.2	Â°C	ASTM D3418
Maximal operating temperature (short-term)	93.3	Â°C	UL 746B
Maximum Operating Temperature	60	Â°C	
Minimum temperature	-15	Â°C	UL 746B
Heat deflection temperature (HDT/A)	106.7	Â°C	ASTM D648
Vicat softening temperature (VST/B/50)	75	Â°C	ISO 306
Dielectric Strength	40	kV/mm	IEC 60243-1
Volume Resistivity	10Â¹âµ	Î©Â·cm	DIN EN 62631-3-1
Dielectric Constant (1 MHz)	3.1	-	IEC 60250
Dielectric Constant (100 Hz)	3.2	-	IEC 60250
Dielectric loss factor (1 MHz)	0.0	-	IEC 60250
Flexural Strength	73.1	MPa	ASTM D790
Thermal Conductivity	0.14	W/(mÂ·K)	ISO 22007-4
Surface Resistivity	10Â¹Â³	Î©	DIN EN 62631-3-2
Comparative Tracking Index (CTI)	600	V	IEC 60112
Water absorption to saturation	0.5	%	ASTM D570
Water Absorption to Saturation	0.5	%	ASTM D570
Notched impact strength (Charpy)	4	kJ/mÂ²	ISO 179
Impact Resistance (Charpy)	550	kJ/mÂ²	DIN EN ISO 8256
Thermal Expansion Coefficient	1.03	10â»â´/K	ASTM D696
Hardness Shore D	85	Â° Shore D	ASTM D2240

Egenskap	VÃ□rde	Enhet	Standard
Ball pressure hardness	100	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%	🟢
Acetic acid	100%	🟢
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%	🟢

Kemikalie	Konc.	Resultat
Formic acid	10%	🟢
Frost protection agent	â€”	🟢
Fuel (aromatic free)	â€”	🟢
Fuel oil	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€”	🟢
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€”	🟢

Kemikalie	Konc.	Resultat
Pyridine	â€”	🔴
Silicone oil	â€”	🟢
Sodium carbonate (aqueous)	â€”	🟢
Sodium chloride (aqueous)	â€”	🟢
Sodium hydrogen sulfite	â€”	🟢
Sodium hydroxide solution (caustic soda)	15%	🟢
Sodium hydroxide solution (caustic soda)	60%	🟢
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€”	🔴