Platta i POM CGL 1000x1000x45 mm blÃ¥

Artikelnr P1008120

1. Tekniskt datablad

Egenskap	VÃ□rde	Enhet	Standard
Densitet	1.24	g/cmÂ³	ASTM D792
StrÃ□ckgrÃ□nsspÃ□nning	51	MPa	DIN EN ISO 527-2
Elasticitetsmodul (drag)	1200	MPa	ASTM D790
BrottspÃ□nning	76.5	MPa	ISO 527
BrotttÃ¶jning	300	%	ASTM D638
SmÃ□ltpunkt	222	Â°C	ISO 3146
Maximal drifttemperatur (korttid)	129	Â°C	UL746B
Maximal drifttemperatur	90	Â°C	
Minsta temperatur	-46.25	Â°C	
VÃ□rmefÃ¶rvrÃ□ngning (HDT/A)	105	Â°C	ASTM D648
VÃ□rmefÃ¶rvrÃ□ngning (HDT/B)	155	Â°C	ISO 75
Vicat mjukningstemperatur (VST/B/50)	50	Â°C	ISO 306
Dielektrisk styrka	85	kV/mm	IEC 60243-1
Volymresistivitet	10Â¹Â²	â„¦	IEC 60093
Dielektrisk konstant (1 MHz)	3.7	-	IEC 60250
Dielektrisk fÃ¶rlustfaktor (1 MHz)	0.0	-	IEC 60250
Dielektrisk fÃ¶rlustfaktor (100 Hz)	0.0	-	IEC 60250
Brandklassning (UL 94)	60695		UL 94
BÃ¶jhÃ¥llfasthet	58	MPa	ASTM D638
Termisk konduktivitet	0.3	W/(mÂ·K)	DIN 52612
Ytresistivitet	10Â¹Â³	â„¦	IEC 60093
JÃ□mfÃ¶rande krypstrÃ¶msindex (CTI)	600	V	IEC 60112
Fuktabsorption till mÃ□ttnad	2.2	%	ASTM D955
Vattenabsorption till mÃ□ttnad	0.5	%	ASTM D570
SkÃ¥rad slagseghet (Charpy)	6	kJ/mÂ²	DIN EN ISO 179-1
Slagseghet (Charpy)	19	kJ/mÂ²	ISO 179/1eU
Termisk utvidgningskoefficient	0.4	10â»â´/K	ISO 11359

Egenskap	VÃ□rde	Enhet	Standard
HÃ¥rdhet Shore D	83	Â° Shore D	ISO 868
KultryckshÃ¥rdhet	230	MPa	ISO 2039-1

2. Kemisk bestÃ¤ndighet

BestÃ□ndig Delvis bestÃ□ndig Ej bestÃ□ndig

Kemikalie	Konc.	Resultat
1,4-Dioxan	100%	Delvis bestÃ□ndig
2-Hydroxypropionic Acid	90%	BestÃ□ndig
Acetic Acid	100%	Delvis bestÃ□ndig
Aceton	100%	BestÃ□ndig
Ammoniak	conc.	BestÃ□ndig
Ammonium Chloride	â€”	Delvis bestÃ□ndig
Amyl Alcohol	â€”	BestÃ□ndig
Apple Juice	â€”	BestÃ□ndig
Bensen	â€”	Delvis bestÃ□ndig
Bleaching Solution	12.5 cl	Ej bestÃ□ndig
Boric Acid	100%	Delvis bestÃ□ndig
Brake Fluid	â€”	BestÃ□ndig
BrÃ□nsle, aromatfritt	â€”	BestÃ□ndig
Butyl Acetate	â€”	BestÃ□ndig
Calcium Chloride	â€”	BestÃ□ndig
Carbon Disulfide	100%	BestÃ□ndig
Carbon Tetrachloride	â€”	BestÃ□ndig
Citric Acid	10%	Delvis bestÃ□ndig
Cyklohexanon	100%	BestÃ□ndig
Cyklohexen	100%	BestÃ□ndig
Diesel Fuel	â€”	BestÃ□ndig
Diethylene Oxide	â€”	BestÃ□ndig
Ethyl Acetate	100%	Delvis bestÃ□ndig
Ethyl Alcohol	96%	BestÃ□ndig
Ethylene Chloride	100%	BestÃ□ndig
Fenol, vattenl.	ca. 9%	Ej bestÃ□ndig
Food Oil	â€”	BestÃ□ndig
Formaldehyd, vattenl.	40%	BestÃ□ndig

Kemikalie	Konc.	Resultat
Formic Acid	10%	🟢
Frost Protection Agent	â€”	🟢
Glycerin	100%	🟢
Glykol	100%	🟢
Heating Oil	â€”	🟢
Heptan	100%	🟢
Hydrochloric Acid	10%	🔴
Hydrochloric Acid (concentrated)	conc.	🔴
Hydrofluoric Acid	40%	🔴
Hydrogen Peroxide	10%	🟢
Hydrogen Sulfide, aqueous solution	â€”	🟢
Isopropyl Alcohol	100%	🟢
Klor (gas)	100%	🟢
Klorbensen	100%	🟡
Kloroform	â€”	🔴
Kresol	â€”	🟢
Linseed Oil	â€”	🟢
Merkurokrom	â€”	🔴
Methyl Alcohol	100%	🟢
Methyl Ethyl Ketone (MEK)	100%	🟡
Methylene Chloride	100%	🔴
Mineral Oils (aromatic free)	â€”	🟢
MjÃ¶lk	â€”	🟢
Nitric Acid	10%	🔴
Nitric Acid (50%)	50%	🔴
Nitrobensen	â€”	🟡
Oxalic Acid	â€”	🔴
Ozone Gas	â‰¤0.5 ppm	🔴
Paraffine Oil	100%	🟢
Perkloretylen	â€”	🟢
Petroleum	100%	🟢
Petroleum Ether	100%	🟢
Phosphoric Acid	50%	🔴
Potassium Hydroxide liquor	50%	🟡

Kemikalie	Konc.	Resultat
Premium Fuel	â€”	🟢
Propyl Alcohol	â€”	🟢
Pyridin	â€”	🟢
Silicone Oil	â€”	🟢
Sodium Carbonate, aqueous	â€”	🟢
Sodium Chloride, aqueous	â€”	🟢
Sodium Hydrogen Sulfite	â€”	🔴
Sodium Hydroxide liquor (15%)	15%	🟢
Sodium Hydroxide liquor (60%)	60%	🟡
Sodium Nitrate, aqueous	â€”	🟢
Sodium Thiosulfate	â€”	🟢
Sulfuric Acid	96%	🔴
Tetrahydrofuran, THF	100%	🟡
Toluen	100%	🟢
Transformer Oil	â€”	🟢
Trikloreten	100%	🟡
Vatten	â€”	🟢
Xylen	â€”	🟢
Ã„ttika, standard	5-10%	🟢