Platta i PA6 E FG 3000x610x100 mm natur

Artikelnr P1001371

1. Tekniskt datablad

Egenskap	VÃ□rde	Enhet	Standard
Densitet	1.14	g/cmÂ³	ISO 1183
Densitet	1.13	g/cmÂ³	ISO 1183
StrÃ□ckgrÃ□nsspÃ□nning	70	MPa	DIN EN ISO 527
StrÃ□ckgrÃ□nsspÃ□nning	83	MPa	ISO 527
Elasticitetsmodul (drag)	3250	MPa	ISO 527-2
Elasticitetsmodul (drag)	3330	MPa	ISO 527
BrottspÃ□nning	75	MPa	ISO 527-2
BrottspÃ□nning	54	MPa	ISO 527
BrotttÃ¶jning	40	%	ISO 527-2
BrotttÃ¶jning	50	%	ISO 527
SmÃ□ltpunkt	220	Â°C	ISO 3146
SmÃ□ltpunkt	220	Â°C	ISO 3146
Maximal drifttemperatur (korttid)	160	Â°C	
Maximal drifttemperatur (korttid)	130	Â°C	UL746B
Maximal drifttemperatur	90.5	Â°C	
Maximal drifttemperatur	85	Â°C	
Minsta temperatur	-36	Â°C	
Minsta temperatur	-40	Â°C	
VÃ□rmefÃ¶rvrÃ□ngning (HDT/A)	70	Â°C	ISO 75-2
VÃ□rmefÃ¶rvrÃ□ngning (HDT/A)	75	Â°C	ISO 75-2
VÃ□rmefÃ¶rvrÃ□ngning (HDT/B)	140	Â°C	ISO 75-2
VÃ□rmefÃ¶rvrÃ□ngning (HDT/B)	190	Â°C	ISO 75-2
Vicat mjukningstemperatur (VST/B/50)	190	Â°C	ISO 306
Dielektrisk styrka	30	kV/mm	IEC 60243-1
Dielektrisk styrka	25	kV/mm	IEC 60243-1
Volymresistivitet	10Â¹Â³	Î©Â·cm	IEC 60093
Volymresistivitet	10Â¹Â²	Î©Â·cm	IEC 60093

Egenskap	VÃ¤rde	Enhet	Standard
Dielektrisk konstant (1 MHz)	3.8	-	IEC 60250
Dielektrisk konstant (1 MHz)	3.7	-	IEC 60250
Dielektrisk fÃ¶rlustfaktor (1 MHz)	0.03	-	IEC 60250
Dielektrisk konstant (100 Hz)	3.9	-	IEC 60250
Dielektrisk fÃ¶rlustfaktor (1 MHz)	0.0	-	IEC 60250
Dielektrisk fÃ¶rlustfaktor (100 Hz)	0.0	-	IEC 60250
Brandklassning (UL 94)	3		UL 94
BÃ¶jhÃ¥llfasthet	76	MPa	ISO 527-2
BÃ¶jhÃ¥llfasthet	100	MPa	ISO 178
Termisk konduktivitet	0.32	W/(mÂ·K)	DIN 52612
Termisk konduktivitet	0.28	W/(mÂ·K)	DIN 52612
Ytresistivitet	10Â¹Â³	Î©	IEC 60093
JÃ¤mfÃ¶rande krypstrÃ¶msindex (CTI)	600	V	IEC 60112
Ytresistivitet	10Â¹Â³	Î©	IEC 60093
JÃ¤mfÃ¶rande krypstrÃ¶msindex (CTI)	600	V	IEC 60112
Fuktabsorption till mÃ¤ttnad	2.5	%	ISO 62
Fuktabsorption till mÃ¤ttnad	9.5	%	ISO 62
Vattenabsorption till mÃ¤ttnad	9	%	ISO 62
Vattenabsorption till mÃ¤ttnad	9.5	%	ISO 62
SkÃ¥rad slagseghet (Charpy)	5.5	kJ/mÂ²	ISO 179/1eA
SkÃ¥rad slagseghet (Charpy)	7	kJ/mÂ²	ISO 179
Termisk utvidgningskoefficient	1.1	10â»â´/K	ISO 11359
Termisk utvidgningskoefficient	0.9	10â»â´/K	ISO 11359
HÃ¥rdhet Shore D	82	Â° Shore D	DIN EN ISO 868
HÃ¥rdhet Shore D	80	Â° Shore D	ISO 868
KultryckshÃ¥rdhet	150	MPa	ISO 2039-1
KultryckshÃ¥rdhet	155	MPa	ISO 2039

2. Kemisk bestÃ¤ndighet

🟢 BestÃ¤ndig 🟡 Delvis bestÃ¤ndig 🔴 Ej bestÃ¤ndig

Kemikalie	Konc.	Resultat
1,4-Dioxan	100	🟡
2-Hydroxypropionic Acid	90	🔴

Kemikalie	Konc.	Resultat
Acetic Acid	100	🟢
Aceton	100	🟡
Ammoniak	conc.	🟢
Ammonium Chloride	â€”	🟢
Amyl Alcohol	â€”	🟡
Apple Juice	â€”	🟢
Bensen	â€”	🟢
Bleaching Solution	12.5 cl	🔴
Boric Acid	100	🟡
Brake Fluid	â€”	🟢
BrÃ¤nsle (aromatfritt)	â€”	🟢
Butyl Acetate	â€”	🟢
Calcium Chloride	â€”	🟢
Carbon Disulfide	100	🟢
Carbon Tetrachloride	â€”	🟢
Citric Acid	10	🟢
Cyklohexanon	100	🟢
Cyklohexen	100	🟡
Diesel Fuel	â€”	🟢
Diethylene Oxide	â€”	🟢
Ethyl Acetate	100	🟢
Ethyl Alcohol	96	🟡
Ethylene Chloride	100	🔴
Fenol (vattenl.)	ca. 9	🔴
Food Oil	â€”	🟢
Formaldehyd (vattenl.)	40	🟡
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	🔴

Kemikalie	Konc.	Resultat
Hydrogen Peroxide	10	🔴
Hydrogen Sulfide (aqueous)	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	🔴
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	🟢
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	🟢
Sodium Hydroxide liquor	60	🟢
Sodium Nitrate (aqueous)	â€”	🟢

Kemikalie	Konc.	Resultat
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	🟢