

PA6 E 105x3000 mm svart

Artikelnr P1000873

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tetthet	1.14	g/cm ³	ISO 1183
Streckgrense/Spenning	70	MPa	DIN EN ISO 527
Elastisitetsmodul (trek)	3250	MPa	ISO 527-2
Brottspenning	75	MPa	ISO 527-2
Brottsdeformasjon	40	%	ISO 527-2
Smeltepunkt	220	°C	ISO 3146
Maksimal drifttemperatur (kortvarig)	160	°C	
Maksimal driftstemperatur	90.5	°C	
Minstemperatur	-36	°C	
Varme-forvrengning (HDT/A)	70	°C	ISO 75-2
Varme-forvrengning (HDT/B)	140	°C	ISO 75-2
Vicat-mykningstemperatur (VST/B/50)	190	°C	ISO 306
Dielektrisk styrke	25	kV/mm	IEC 60243-1
Volumresistivitet	10 ¹¹ Å ²	Î©·Å·cm	IEC 60093
Dielektrisk konstant (1 MHz)	3.7	-	IEC 60250
Dielektrisk konstant (100 Hz)	3.9	-	IEC 60250
Dielektrisk dissipasjonsfaktor (1 MHz)	0.0	-	IEC 60250
Dielektrisk tapfaktor (100 Hz)	0.0	-	IEC 60250
Brannklasse (UL 94)	3		UL 94
BÄyghÄlfasthet	76	MPa	ISO 527-2
Termisk konduktivitet	0.28	W/(m·K)	DIN 52612
Overflatemotstand	10 ¹¹ Å ³	Î©	IEC 60093
SammenligningskrypstrÄmsindeks (CTI)	600	V	IEC 60112
Fuktabsorpsjon til metning	2.5	%	ISO 62
Vannabsorpsjon til metning	9	%	ISO 62
SkÄret slagfasthet (Charpy)	5.5	kJ/m ²	ISO 179/1eA

Egenskap	V�rde	Enhet	Standard
Termisk utvidelseskoeffisient	0.9	10��/K	ISO 11359
Hardhet Shore D	82	� Shore D	DIN EN ISO 868
Kuletrykkshardhet	150	MPa	ISO 2039-1

2. Kemisk best ndighet

● Best ndig
 ● Delvis best ndig
 ● Ej best ndig

Kemikalie	Konc.	Resultat
1,4-Dioxan	100	●
2-Hydroxypropionic Acid	90	●
Acetic Acid	100	●
Aceton	100	●
Ammoniak	conc.	●
Ammonium Chloride	��	●
Amyl Alcohol	��	●
Apple Juice	��	●
Bensen	��	●
Bleaching Solution	12.5 cl	●
Boric Acid	100	●
Brake Fluid	��	●
Br�nsle (aromatfritt)	��	●
Butyl Acetate	��	●
Calcium Chloride	��	●
Carbon Disulfide	100	●
Carbon Tetrachloride	��	●
Citric Acid	10	●
Cyklohexanon	100	●
Cyklohexen	100	●
Diesel Fuel	��	●
Diethylene Oxide	��	●
Eddik (standard)	5 - 10	●
Ethyl Acetate	100	●
Ethyl Alcohol	96	●
Ethylene Chloride	100	●
Fenol (vattenl.)	ca. 9	●
Food Oil	��	●

Kemikalie	Konc.	Resultat
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	●
Hydrogen Peroxide	10	●
Hydrogen Sulfide (aqueous)	â€”	●
Isopropyl Alcohol	100	●
Klor (gas)	100	●
Klorbensen	100	●
Kloroform	â€”	●
Kresol	â€”	●
Linseed Oil	â€”	●
Melk	â€”	●
Merkurokrom	â€”	●
Methyl Alcohol	100	●
Methyl Ethyl Ketone (MEK)	100	●
Methylene Chloride	100	●
Mineral Oils (aromatic free)	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	●

Kemikalie	Konc.	Resultat
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€”	●
Sodium Thiosulfate	â€”	●
Sulfuric Acid	96	●
Tetrahydrofuran (THF)	100	●
Toluen	100	●
Transformer Oil	â€”	●
Trikloretan	100	●
Vann	â€”	●
Xylen	â€”	●