

PA6.6 GF30 32x3000 mm svart

Artikelnr P1002516

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tetthet	1.3	g/cm ³	ISO 1183
StreckgränseSpänning	100	MPa	ISO 527
Elastisitetsmodul (trek)	5900	MPa	ISO 527-2
Brottspenning	100	MPa	ISO 527-2
Brottsdeformasjon	5	%	ISO 527-2
Smeltepunkt	257.5	Å°C	ISO 3146
Maksimal drifttemperatur (kortvarig)	175	Å°C	UL746B
Maksimal driftstemperatur	120	Å°C	
Minstemperatur	-20	Å°C	
Varme-forvringning (HDT/A)	150	Å°C	ISO 75-2
Varme-forvringning (HDT/B)	250	Å°C	ISO 75
Dielektrisk Styrke	30	kV/mm	IEC 60243-1
VolumResistivitet	~10 ¹¹ Å	Î©Å·cm	IEC 60093
Dielektrisk konstant (1 MHz)	3.6	-	IEC 60250
Dielektrisk dissipasjonsfaktor (1 MHz)	0.0	-	IEC 60250
Termisk konduktivitet	0.31	W/(mÅ·K)	DIN 52612
Overflatemotstand	~10 ¹¹ Å ³	Î©	IEC 60093
SammenligningskrypstrÅmsindeks (CTI)	475	V	IEC 60112
Fuktabsorpsjon til metning	3.6	%	ISO 62
Vannabsorpsjon til metning	5.5	%	ISO 62
SkÅ¥ret slagfasthet (Charpy)	6	kJ/mÅ ²	ISO 179/1eA
Slagseghet (Charpy)	50	kJ/mÅ ²	ISO 179/1eU
Termisk utvidelseskoeffisient	0.5	10 ⁶ Å ³ /K	ISO 11359
Hardhet Shore D	85	Å° Shore D	ISO 868
Kuletrykkhardhet	165	MPa	ISO 2039-1

2. Kemisk bestÅndighet

● Beständigt
 ● Delvis beständigt
 ● Ej beständigt

Kemikalie	Konc.	Resultat
1,4-Dioxan	100	●
2-Hydroxypropionic Acid	90	●
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€”	●
Bränsle (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€”	●
Eddik (standard)	5 - 10	●
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	●

Kemikalie	Konc.	Resultat
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	●
Potassium Hydroxide liquor	50	●
Premium Fuel	â€”	●
Propyl Alcohol	â€”	●
Pyridin	â€”	●
Silicone Oil	â€”	●

Kemikalie	Konc.	Resultat
Sodium Carbonate (aqueous)	â€”	●
Sodium Chloride (aqueous)	â€”	●
Sodium Hydrogen Sulfite	â€”	●
Sodium Hydroxide liquor	60	●
Sodium Hydroxide liquor	15	●
Sodium Nitrate (aqueous)	â€”	●
Sodium Thiosulfate	â€”	●
Sulfuric Acid	96	●
Tetrahydrofuran (THF)	100	●
Toluen	100	●
Transformer Oil	â€”	●
Trikloretten	100	●
Vann	â€”	●
Xylen	â€”	●