



PA6 E 1000x1000x2 mm natur

Artikelnr P1001101

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tetthet	1.14	g/cm³	ISO 1183
Streckgren	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	10¹¹	Ω·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
Bøye modulus	76	MPa	ISO 527-2
Termisk konduktivitet	0.28	W/(m·K)	DIN 52612
Overflatemotstand	10¹¹	Ω	IEC 60093
Sammenligningskrypsrateindeks (CTI)	600	V	IEC 60112
Fuktabsorpsjon til metning	2.5	%	ISO 62
Vannabsorpsjon til metning	9	%	ISO 62
Skjæret slagfasthet (Charpy)	5.5	kJ/m²	ISO 179/1eA

Egenskap	V�rde	Enhet	Standard
Termisk utvidelseskoef�sient	0.9	10����/K	ISO 11359
Hardhet Shore D	82	�� Shore D	DIN EN ISO 868
Kuletrykshardhet	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�������� (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€”	
Trikloreten	100	
Vann	â€”	
Xylen	â€”	