

PA6 E 1000x610x10 mm musta

Artikelnr P1001012

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tiheys	1.14	g/cm ³	ISO 1183
Venymisrajan jännitys	70	MPa	DIN EN ISO 527
Joustavuusmoduli (vetolujuus)	3250	MPa	ISO 527-2
Murtolujuus	75	MPa	ISO 527-2
Murtovenymä	40	%	ISO 527-2
Sulamispiste	220	°C	ISO 3146
Maksimaalinen käyttölämpötila (lyhytaikainen)	160	°C	
Maksimi käyttölämpötila	90.5	°C	
Alin lämpötila	-36	°C	
Lämpökestävyys (HDT/A)	70	°C	ISO 75-2
Lämpökestävyys (HDT/B)	140	°C	ISO 75-2
Vicat-pehmenemislämpötila (VST/B/50)	190	°C	ISO 306
Dielektrinen voimakkuus	25	kV/mm	IEC 60243-1
Tilavuusresistanssi	10 ¹¹ Å ²	Î@Å·cm	IEC 60093
Dielektrinen vakio (1 MHz)	3.7	-	IEC 60250
Dielektrinen vakio (100 Hz)	3.9	-	IEC 60250
Dielektrinen hajoamiskerroin (1 MHz)	0.0	-	IEC 60250
Dielektrinen hajoamiskerroin (100 Hz)	0.0	-	IEC 60250
Paloaluokitus (UL 94)	3		UL 94
Taivutuslujuus	76	MPa	ISO 527-2
Lämpöjohtavuus	0.28	W/(m·K)	DIN 52612
Pintaresistanssi	10 ¹¹ Å ³	Î@	IEC 60093
Vertailukemisindeksi (CTI)	600	V	IEC 60112
Imeytymisen maksimointi	2.5	%	ISO 62
Vesihaku kylmistymiseen	9	%	ISO 62
Särkyäkesto (Charpy)	5.5	kJ/m ²	ISO 179/1eA
Lämpölaajenemiskerroin	0.9	10 ⁻⁶ Å/K	ISO 11359

Egenskap	Värde	Enhet	Standard
Kovuus Shore D	82	Å° Shore D	DIN EN ISO 868
Kulmapaineen kovuus	150	MPa	ISO 2039-1

2. Kemisk beständighet

● Beständig
 ● Delvis beständig
 ● Ej beständig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100	●
2-Hydroxypropionic Acid	90	●
Acetic Acid	100	●
Acetone	100	●
Ammonia	conc.	●
Ammonium Chloride	â€	●
Amyl Alcohol	â€	●
Apple Juice	â€	●
Benzene	â€	●
Bleaching Solution	12.5 cl	●
Boric Acid	100	●
Brake Fluid	â€	●
Butyl Acetate	â€	●
Calcium Chloride	â€	●
Carbon Disulfide	100	●
Carbon Tetrachloride	â€	●
Chlorine (gas)	100	●
Chlorobenzene	100	●
Chloroform	â€	●
Citric Acid	10	●
Cresol	â€	●
Cyclohexanone	100	●
Cyclohexene	100	●
Diesel Fuel	â€	●
Diethylene Oxide	â€	●
Ethyl Acetate	100	●
Ethyl Alcohol	96	●

Kemikalie	Konc.	Resultat
Ethylene Chloride	100	●
Food Oil	â€”	●
Formaldehyde (aqueous)	40	●
Formic Acid	10	●
Frost Protection Agent	â€”	●
Fuel (aromatic free)	â€”	●
Glycerine	100	●
Glycol	100	●
Heating Oil	â€”	●
Heptane	100	●
Hydrochloric Acid	10	●
Hydrochloric Acid (concentrated)	conc.	●
Hydrofluoric Acid	40	●
Hydrogen Peroxide	10	●
Hydrogen Sulfide (aqueous)	â€”	●
Isopropyl Alcohol	100	●
Linseed Oil	â€”	●
Mercurochrome	â€”	●
Methyl Alcohol	100	●
Methyl Ethyl Ketone (MEK)	100	●
Methylene Chloride	100	●
Milk	â€”	●
Mineral Oils (aromatic free)	â€”	●
Nitric Acid	10	●
Nitric Acid	50	●
Nitrobenzene	â€”	●
Oxalic Acid	â€”	●
Ozone Gas	â‰ƒ 0.5 ppm	●
Paraffine Oil	100	●
Perchloroethylene	â€”	●
Petroleum	100	●
Petroleum Ether	100	●
Phenol (aqueous)	ca. 9	●
Phosphoric Acid	50	●
Potassium Hydroxide liquor	50	●

Kemikalie	Konc.	Resultat
Premium Fuel	â€”	●
Propyl Alcohol	â€”	●
Pyridine	â€”	●
Silicone Oil	â€”	●
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	●
Toluene	100	●
Transformer Oil	â€”	●
Trichloroethylene	100	●
Vinegar (standard)	5 - 10	●
Water	â€”	●
Xylene	â€”	●