

PMMA E 30/20x2000 mm l  pin  kyv  

Artikelnr P1200721

1. Tekniskt datablad

Egenskap	V��rde	Enhet	Standard
Tiheys	1.19	g/cm�� ³	ISO 1183
Venymisrajan j��nnitys	72	MPa	ISO 527
Joustavuusmoduli (vetolujuus)	3300	MPa	ISO 527-2
Murtolujuus	70	MPa	ISO 527-2
Murtovenym��	5	%	ISO 527-2
Sulamispiste	160	��C	ISO 3146
Maksimaalinen k��ytt��l��mp��tila (lyhytaikainen)	107.5	��C	UL746B
Maksimi k��ytt��l��mp��tila	75	��C	
Alin l��mp��tila	-40	��C	
L��mp��k��yr�� (HDT/A)	95	��C	ISO 75
L��mp��k��yr�� (HDT/B)	100	��C	ISO 75
Vicat-pehmenemisl��mp��tila (VST/B/50)	103	��C	ISO 306
Dielektrinen voimakkuus	30	kV/mm	IEC 60243-1
Tilavuusresistanssi	10�� ¹⁴ ��	����cm	IEC 60093
Dielektrinen vakio (1 MHz)	1	-	IEC 60250
Dielektrinen vakio (100 Hz)	2.7	-	DIN 53483-2
Dielektrinen hajoamiskerroin (1 MHz)	0.03	-	IEC 60250
Dielektrinen hajoamiskerroin (100 Hz)	0.06	-	DIN 53483-2
Taivutuslujuus	75	MPa	ISO 527-2
L��mm��njohtavuus	0.19	W/(m��K)	DIN 52612
Pintaresistanssi	10�� ¹⁴ ��	��	IEC 60093
Vertailukulkemisindeksi (CTI)	600	V	IEC 60112
Imeytymisen maksimointi	2.1	%	ISO 62
Vesihaku kyll��stymiseen	2.1	%	ISO 62
S��rky��kesto (Charpy)	1.6	kJ/m�� ²	ISO 179/1eA
Iskunkest��vyys (Charpy)	15	kJ/m�� ²	ISO 179/1eU
L��mp��laajenemiskerroin	0.0	10�� ⁻⁶ /K	DIN 11359

Egenskap	VÄärde	Enhet	Standard
Kovuus Shore D	15	Å° Shore D	
Rockwell-kovuus	100	M-scale	ISO 2039-2
Kulmapaineen kovuus	175	MPa	ISO 2039-1

2. Kemisk bestÄndighet

● BestÄndig
 ● Delvis bestÄndig
 ● Ej bestÄndig

Kemikalie	Konc.	Resultat
Acetic acid	100%	●
Acetone	100%	●
Ammonia	conc.	●
Amyl alcohol	å€"	●
Apple juice	å€"	●
Benzene	å€"	●
Butyl acetate	å€"	●
Calcium chloride	å€"	●
Carbon disulphide	100%	●
Carbon tetrachloride	å€"	●
Chlorine gas	100%	●
Chloroform	å€"	●
Citric acid	10%	●
Cresol	å€"	●
Cyclohexanone	100%	●
Cyclohexene	100%	●
Diesel	å€"	●
Diethylene oxide	å€"	●
Ethyl acetate	100%	●
Ethyl alcohol (ethanol)	96%	●
Ethylene chloride	100%	●
Formaldehyde, aqueous	40%	●
Formic acid	10%	●
Fuel oil	å€"	●
Fuel, aromatic free	å€"	●
Glycerine	100%	●
Glycol	100%	●

Kemikalie	Konc.	Resultat
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 (methanol)	100%	●
Methyl ethyl ketone (MEK)	100%	●
Methylene chloride	100%	●
Milk	â€”	●
Mineral oils, aromatic free	â€”	●
Nitric acid	10%	●
Nitric acid (50%)	50%	●
Nitrobenzene	â€”	●
Oxalic acid	â€”	●
Ozone (gas)	â‰ƒ 0.5 ppm	●
Paraffin oil	100%	●
Perchloroethylene	â€”	●
Petroleum	100%	●
Petroleum ether	100%	●
Phenol, aqueous	ca. 9%	●
Phosphoric acid	50%	●
Potassium hydroxide solution	50%	●
Premium fuel	â€”	●
Silicone oil	â€”	●
Sodium carbonate, aqueous	â€”	●
Sodium chloride, aqueous	â€”	●
Sodium hydrogen sulfite	â€”	●
Sodium hydroxide solution (60%)	60%	●
Sodium hydroxide solution (caustic soda)	15%	●
Sodium thiosulfate	â€”	●

Kemikalie	Konc.	Resultat
Sulphuric acid	96%	●
Tetrahydrofuran (THF)	100%	●
Toluene	100%	●
Transformer oil	â€”	●
Trichloroethylene	100%	●
Vinegar, standard	5-10%	●
Water	â€”	●
Xylene	â€”	●