



PMMA E 10/4x2000 mm l  pin  kyv  

Artikelnr P1200706

1. Tekniskt datablad

Egenskap	V��rde	Enhet	Standard
Tiheys	1.19	g/cm���	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�����	���������	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�����	���	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���	ISO 179/1eA
Iskunkest���vyys (Charpy)	15	kJ/m���	ISO 179/1eU
L���mp���laajenemiskerroin	0.0	10�����/K	DIN 11359

Egenskap	V�rde	Enhet	Standard
Kovuus Shore D	15	� Shore D	
Rockwell-kovuus	100	M-scale	ISO 2039-2
Kulmapaineen kovuus	175	MPa	ISO 2039-1

2. Kemisk best ndighet

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

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

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