



PMMA E 50/42x2000 mm lÃ¤mpinÃ¤kyvÃ¤

Artikelnr P1200731

1. Tekniskt datablad

Egenskap	VÃ¤rde	Enhet	Standard
Tiheys	1.19	g/cmÃ³	ISO 1183
Venymisrajan jÃ¤nnitys	72	MPa	ISO 527
Joustavuusmoduli (vetolujuus)	3300	MPa	ISO 527-2
Murtolujuus	70	MPa	ISO 527-2
MurtovenymÃ¤	5	%	ISO 527-2
Sulamispiste	160	Ã°C	ISO 3146
Maksimaalinen kÃ¤yttÃ¤lÃ¤mpÃ¶tila (lyhytaikainen)	107.5	Ã°C	UL746B
Maksimi kÃ¤yttÃ¤lÃ¤mpÃ¶tila	75	Ã°C	
Alin lÃ¤mpÃ¶tila	-40	Ã°C	
LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/A)	95	Ã°C	ISO 75
LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/B)	100	Ã°C	ISO 75
Vicat-pehmenemislÃ¤mpÃ¶tila (VST/B/50)	103	Ã°C	ISO 306
Dielektrinen voimakkuus	30	kV/mm	IEC 60243-1
Tilavuusresistanssi	10Ã¹Ãµ	Ã©Ã·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
LÃ¤mmÃ¶njohtavuus	0.19	W/(mÃ·K)	DIN 52612
Pintaresistanssi	10Ã¹Ã³	Ã©	IEC 60093
Vertailukulkemisindeksi (CTI)	600	V	IEC 60112
Imeytymisen maksimointi	2.1	%	ISO 62
Vesihaku kyllÃ¤stymiseen	2.1	%	ISO 62
SÃ¤rkyÃ¤kesto (Charpy)	1.6	kJ/mÃ²	ISO 179/1eA
IskunkestÃ¤vyys (Charpy)	15	kJ/mÃ²	ISO 179/1eU
LÃ¤mpÃ¶laajenemiskerroin	0.0	10Ã²Ã·/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€”	●