



## EPOXY 4W/EP

Properties	Units	Values
Density	g/cm <sup>3</sup>	1.90
Water Absorption		
1.6mm	mg	-
3.0mm	mg	10
6.0mm	mg	-
12.0mm	mg	-
Thermal Properties		
Max. allowable service temperature :		
- for short periods	°C	140
- continuously	°C	130
Thermal classification	-	B
Flammability category	-	V0
Mechanical Properties at 23°C		
Flexural strength	MPa	470
Izod strength	kJ/m <sup>2</sup>	65
Shear strength	MPa	55
Tensile strength	MPa	350
Compressive strength - Flatwise	MPa	500
Electrical Properties at 23°C		
Insulation resistance	M Ohm	10 <sub>5</sub>
Dielectric strength - Flatwise	MV / m (1.6mm)	14
Dielectric strength - Edgewise	KV (3mm)	60
Dissipation factor at 1MHz	-	0.026
Permittivity at 1MHz	-	4.5
Specifications		
BS3953: 1990 EP-4		
NEMA L1-1-1989-FR4		
EN60893-3-2:EPGC202		
DIN7735:1975 HGW2372.1		

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