

Technical Data Sheet

Durostone® EPC 204

Typical characteristics

- Baja inflamabilidad
- Matriz de resina epoxi (EP) reforzada con un tejido de vidrio electrónico

Typical industries

- Sistemas de conmutación
- Sector eléctrico
- Componentes de aislamiento eléctrico

	Test method	Unit	Guideline value
Mechanical properties			
Density	ISO 1183	g/cm ³	2,0
Flexural strength $^\perp$	ISO 178	MPa	500
Flexural strength ¹ +150°C	ISO 178	MPa	350
Modulus of elasticity in flexion ¹	ISO 178	MPa	25000
Modulus of elasticity in flexion ¹ +150°C	ISO 178	MPa	21000
Compressive strength $^{\perp}$	ISO 604	MPa	500
Tensile strength II	ISO 527	MPa	350
Impact strength II (Charpy)	ISO 179	kJ/m^2	120
Shear strength II	IEC 60893	MPa	35
Thermal properties			
Flammability	UL 94	/	V0 / 2mm
Temperature index	IEC 60216	T.I.	155
Insulation class	IEC 60085		F
Physical properties			
Water absorption (4mm thickness)	ISO 62	%	< 0,1
Dielectrical properties			
Electric strength 90°C under oil ¹	IEC 60243	kV / mm	15
Electric strength 90°C under oil II	IEC 60243	kV/25mm	100
Insulation resistance	IEC 60167	Ohm	10 ¹²
Comparative tracking index	IEC 60112	CTI	600
Insulation resistance after 24 h water immersion	IEC 60167	Ohm	10 ¹⁰

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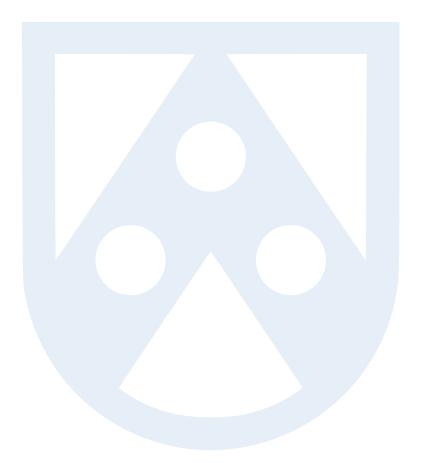






= perpendicular to the lamination II = parallel to the lamination

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