

Technical Data Sheet

Durostone[®] UPM S16

Typical characteristics

- Laminado de alta presión
- Matriz especial de resina de poliéster (UP) reforzada con una estera de vidrio electrónico
- Alta resistencia mecánica y dieléctrica y baja inflamabilidad.

Typical industries

- Sistemas de conmutación

	Test method	Unit	Guideline value
Mechanical properties			
Density	ISO 1183	g / cm ³	1,87
Flexural strength [⊥]	ISO 178	MPa	200
Modulus of elasticity in flexion [⊥]	ISO 178	MPa	13000
Compressive strength [⊥]	ISO 604	MPa	300
Compressive strength II	ISO 604	MPa	180
Tensile strength II	ISO 527	MPa	100
Impact strength II (Charpy)	ISO 179	kJ / m ²	100
Thermal properties			
Flammability	UL 94	/	V0 / 3mm
Physical properties			
Water absorption (4mm thickness)	ISO 62	%	0,2
Dielectrical properties			
Electric strength 90°C under oil [⊥]	IEC 60243	kV / mm	12
Electric strength 90°C under oil II	IEC 60243	kV/25mm	75
Specific surface resistance	IEC 60093	Ohm	10 ¹³
Comparative tracking index	IEC 60112	CTI	600

= perpendicular to the lamination II = parallel to the lamination

The data stated above are average values verified on the basis of regular statistical tests and controls. All information in this publication is based on current technical

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