

Technical Data Sheet

Durostone[®] PMP 325

GFK-UP

Typical characteristics

- Buenas propiedades mecánicas
- Aislamiento eléctrico
- Resistencia química
- Retardante de llama
- Autoextinguible
- Peso ligero, fácil manejo
- Bajo peso
- Buena resistencia a la intemperie
- Superficie lisa
- Buen aislamiento térmico
- Superficie homogéneamente lisa para una buena adherencia de la pintura.

Typical industries

- Sector eléctrico
- Construcción de vehículos
- Autobuses
- Tecnología ferroviaria y vehículos ferroviarios
- Tecnología del transporte e infraestructuras
- Healthcare
- Energía eólica

	Test method	Unit	Guideline value
General properties			
Standard Color			RAL 7035
Mechanical properties			
Flexural strength [⊥]	ISO 178	MPa	150
Modulus of elasticity in flexion [⊥]	ISO 178	MPa	9500
Compressive strength [⊥]	ISO 604	MPa	220
Thermal properties			
Flammability	IEC 60707	/	VO/3mm
Coefficient of linear expansion [⊥]	TMA (Mettler)	10 ⁻⁶ x K ⁻¹	55 to 65
Coefficient of linear expansion II	TMA (Mettler)	10 ⁻⁶ x K ⁻¹	15 to 25
Temperature of deflection under load	IEC 893-2	°C	>200
Thermal conductivity	ISO 8302	W/m K	0.3
Physical properties			

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	Test method	Unit	Guideline value
Density	ISO 1183	g / cm ³	1.75
Glass content	ISO 11667	%	26
Dielectrical properties			
Electric strength 90°C under oil [⊥]	IEC 60243	kV / mm	12
Electric strength 90°C under oil	IEC 60243	kV/25mm	75
Comparative tracking index	IEC 60112	CTI	600

[⊥] = perpendicular to the lamination

|| = parallel to the lamination

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