

Technical Data Sheet

Durostone[®] AGZ-S (160)

GFK-AG

Typical industries

- Tecnología ferroviaria y vehículos ferroviarios
- Sector eléctrico
- Componentes de aislamiento eléctrico

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,9 - 2,1
Mechanical properties			
Flexural strength, lengthwise	ISO 178	MPa	> 170
Flexural modulus, lengthwise	ISO 178	MPa	> 17.000
Tensile strength, lengthwise	ISO 527	MPa	> 170
Tensile modulus, lengthwise	ISO 527	MPa	> 17.000
Compressive strength, perpendicular	ISO 14126	MPa	> 50
Thermal properties			
Temperature index	IEC 60216	T.I.	F (155 °C)
Glass transition temperature	DMA	°C	> 120
Flame resistance properties			
Flammability	EN45545 Version 2020		HL3 R22/R23
Dielectrical properties			
Comparative tracking index	IEC 60112	CTI	600

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