

### Technical Data Sheet

## Durostone<sup>®</sup> AGZ-S (160)

#### Typical industries

- Rail Technology and Vehicles
- Electrical Industry
- Electrical Insulating Components

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,9 - 2,1
<b>Mechanical properties</b>			
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
<b>Thermal properties</b>			
Temperature index	IEC 60216	T.I.	F (155 °C)
Glass transition temperature	DMA	°C	> 120
<b>Flame resistance properties</b>			
Flammability	EN45545 Version 2020		HL3 R22/R23
<b>Dielectrical properties</b>			
Comparative tracking index	IEC 60112	CTI	600