

## Technical Data Sheet

# Durostone<sup>®</sup> UPGMZ -FR

### Typical characteristics

- Polyester (UP) resin matrix
- reinforced with a combination of glassfiber mat and rovings
- Highly Flame Resistant

### Typical industries

- Vehicle Construction
- Bus
- Traffic Engineering & Infrastructure
- Mechanical Engineering Industry
- Building industry
- Electrical Industry

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,9 - 2,0
<b>Mechanical properties</b>			
Flexural strength, lengthwise	ISO 178	MPa	> 450
Flexural modulus, lengthwise	ISO 178	MPa	> 18.000
Flexural strength, crosswise	ISO 178	MPa	> 80
Flexural modulus, crosswise	ISO 178	MPa	> 7.000
Compressive strength, perpendicular	ISO 604	MPa	> 90
<b>Flame resistance properties</b>			
Flammability	UL94		V0
<b>Physical properties</b>			
Water absorption	ISO 62	%	< 3

