

## Technical Data Sheet

# Durostone<sup>®</sup> EPF S6

GFK-EP

### Typical industries

- Generator and Motor
- 전기 산업
- Electrical Insulating Components
- 기계 공학 산업
- HVDC Transmission

	Test method	Unit	Guideline value
<b>Mechanical properties</b>			
Density	ISO 1183	g / cm <sup>3</sup>	2,05
Flexural strength <sup>⊥</sup>	ISO 178	MPa	550
Flexural strength <sup>⊥</sup> +150°C	ISO 178	MPa	275
Modulus of elasticity in flexion <sup>⊥</sup>	ISO 178	MPa	25000
Modulus of elasticity in flexion <sup>⊥</sup> +150°C	ISO 178	MPa	23000
Tensile strength II	ISO 527	MPa	220
<b>Thermal properties</b>			
Temperature index	IEC 60216	T.I.	180
Insulation class	IEC 60085	/	H

<sup>⊥</sup> = perpendicular to the lamination II = parallel to the lamination

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