

# PRODUCT DATA SHEET

## BAGGES SFC-2

**RoHSII :** The material is in compliance with EU directive 2011/65/EU (RoHS II)

**Components :** Fiber / cement

**Color :** Grey

Mechanical Properties	Value	Unit	Note
Flexural strength at RT	30	MPa	*
Flexural strength at 350°C/500°C	16/13	MPa	*
Flexural strength at 700°C	13	MPa	*
Modulus of elasticity	-	MPa	
Compressive strength at RT/350°C	90/38	MPa	*
Compressive strength at 500/700°C	31/29	MPa	*
Izod impact strength, parallel at RT/700°C	4 / 2,4	kJ/m2	*
Linear shrink at 350°C	0,36	MPa	*
Tensile strength	-	MPa	
Physical Properties			
Flammability	-		**
Density	1.6	g/cm3	*
Water absorption	15	%	*
Electrical Properties			
Electric strength in oil at 90°C	2,1	kV/mm	*
Electric strength in oil at 90°C	-	kV/25mm	
Permittivity 50 Hz	-		
Permittivity 1 MHz	-		
Dissipation factor 50 Hz	-		
Insulation resistance after immersion in water	-	M Ω	
Thermal Properties			
Temperature continuous	700	°C	*

Notes:	* Test methods: BS 2782 ** Not flammable
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The data mentioned in this data sheet is after our knowledge correct, but we reserve the right to make changes without notice.