

Product Data

Appearance	Sheet Lamination
Color	Grey
Curing Mechanism	Ultra Violet (UV), Natural or UV Lamp
Material Thickness	1.7-1.9 mm. (can also be supplied in 1.0-1.5 mm range)
Weight	2.9 kg/m ²

Technical Data
Test Methods

Tensile strength: > 55 MPa	BS 2782 bis 1994
Flexural strength: >130 MPa	ASTM D 790-03
Flexural modulus: >5,98 MPa	ASTM D 2344
Elongation at break: >3%	BS 2782 bis 1994
Coeff. of thermal expansion: $2,9 \cdot 10^{-5} K^{-1}$	ASTM D 696-03
Impact Resistance: >60 kJ/m ²	BS EN ISO 180
Hardness: >60 Barcol	ASTM D 2583
Compressive strength: >200 MPa	ASTM D 695-2002
Adhesion to C-steel: >14 MPa	ASTM D4541-02
Water vapour permeability: 0,28 g/m ² /24h/mmHg	ASTM E 96
Heat distortion: >145°C	ASTM D 648
Fire rating: Class 1	BS 476 pt7:1997 ASTM 84
Flash point: >32°C	ASTM D 93

Electrical Properties
Test Methods

Dielectric strength: 9 kV/mm	IEC 243
Arc resistance: >180 sec.	ASTM D 495
Tracking resistance: >600 V	IEC 112
Insulation resistance: 10 to the power of 13 ohms	IEC 93

Physical - chemical properties

Heat Resistance:	Wet – 90° C Dry – 200° C
Chemical resistance:	Good. Chemical resistance chart available upon request.

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