

NOMAWOOD®

BL1 / BL2 / BL4 / BL6 / BL8 / TGF1 / TGF8 / TGA1 / CJ1

Characteristic	Value	Reference Rule	Note
Nature	100% Polymer		Unique formulation with UV protection
Length	2,44 - 4,60 m		Special length on request
Width	50 - 120 mm		9 models
Thickness	7 - 30 mm		
Colours	Coloured in mass		16 colours
Weight	± 11 kg/m ²		
Density	± 500 kg/m ³		Foamed material
E-Modulus	1,05 GPa	ISO 178	Deflection between 1 and 2 mm
Bending Properties	15,7 MPa	EN 12089 Method B	At break (200 mm distance)
Deflection at break (3 points bending)	5,5 mm	EN 12089 Method B	At break (200 mm distance)
Compression 5%	5,2 MPa	ISO 844	Deformation rate: 1 mm/min
Compression 10%	9,7 MPa	ISO 844	Deformation rate: 1 mm/min
Compression 20%	11,3 MPa	ISO 844	Deformation rate: 1 mm/min
Screw retention	80 N/mm	ISO 9087	Screw ø3,5mm
Surface Hardness	72	Shore D	
Coefficient of linear expansion	0,81 mm/m/10°C	Internal method	
Temperature resistance	-25° C to +65° C		
Fire behaviour	Euroclasse E	EN ISO 11925-2	
Lambda 0° C	0,0580 W/(mK)	ISO 8301	
Lambda 20° C	0,0595 W/(mK)	ISO 8301	
Water absorption	0,14% Gain weight	ISO 62 Method 1 (24h)	
Water absorption	0,00% Swelling after 24h	ISO 62 Method 1 (24h)	

The information is based on our current knowledge of the product and in no way constitutes a guarantee.

