

TM8

Technical Data

Fire Properties

Property	Test Method	Result
EN45545-2 Classification		HL3
BS6853 PCTV category		1b
Reaction to fire	NFF 16-101/102	F1 M2
Surface spread of flame	BS476-7	Class 2
Smoke density (A_0 max)	BS6853 D.8.6	107
Toxicity of combustion	BS6853 annex B	R < 2
Surface flammability	IMO res. A653	CFE > 18.7
Smoke and Toxicity	IMO res. MSC 61	Ds(251)=96 Ds(250)=462 Ds(500)=133

Physical Properties

Property	Test Method	Result
Sheet Size (max)	Width / Length	1.83 x 10m
Hardness, °IRHD	ISO 48	80 - 90°
Density, g/cm ³	ISO 2781	1.65
Tensile Strength, MPa	ASTM F152	3.5
Flexibility	ASTM F147	3d
Abrasion Resistance	Taber Abrader 3000 cycles, 500g	Weight loss 0.6g Thickness loss 0.15mm
Slip Resistance	TRRL Pendulum	Dry 91 Wet 29
Residual Indentation	BS EN 12104	2%

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