

TM7

Technical Data

Fire Properties

Property	Test Method	Result
EN45545-2 Classification		HL3
BS6853 PCTV category		1a
Reaction to fire	NFF 16-101/102	F0 M1
Oxygen Index	EN ISO 4589-2	47.0%
Temperature Index	EN ISO 4589-3	300°C
Gross calorific potential	ISO 1716	10.88MJ/Kg or 93.66MJ/m2
Burning Behaviour	EN ISO 9239-1	>11.0KW/m2
Surface spread of flame	BS476-7	Class 1
Smoke density (A ₀ max)	BS6853 D.8.6	88
Toxicity of combustion	BS6853 annex B	R < 2
Fire Propagation Index	BS476-6	I = 8.2
BS476 Classification		Class 0
Toxicity Index	NES 713	0.74
Smoke Index	NES 711	9.1
Surface flammability	IMO res. A653	CFE > 50.5
Smoke and Toxicity	IMO res. MSC 61	Ds(251)=52 Ds(250)=212 Ds(500)=252

Physical Properties

Property	Test Method	Result
Sheet Size (max)	Width / Length	1.83 x 10m
Hardness, °IRHD	ISO 48	90 - 95°
Density, g/cm ³	ISO 2781	1.7
Tensile Strength, MPa	ASTM F152	7.5
Flexibility	ASTM F147	3d
Abrasion Resistance	Taber Abrader 3000 cycles, 500g	Weight loss 0.5g Thickness loss 0.10mm
Slip Resistance	TRRL Pendulum	Dry 75 Wet 27
Residual Indentation	BS EN 12104	1%

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