

TM7

Technical Data

Fire properties

Property	Test Method	Typical Properties
Surface spread of flame	BS476-7	Class 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
Smoke density (A ₀ max)	BS6853 D.8.6	88
Toxicity of combustion	BS6853 annex B	R < 2
Toxicity Index	NES 713	0.74
BS6853 PCTV category		1a
Reaction to fire	NFF 16-101/102	F0 M1
Fire Propagation Index	BS476-6	I = 8.2
BS476 Classification		Class 0
Smoke Index	NES 711	9.1
Oxygen Index	EN ISO 4589-2	47.0%
Temperature Index	EN ISO 4589-3	300°C
	DIN 5510	SF3
Gross calorific potential	ISO 1716	10.88MJ/Kg or 93.66MJ/m ²
EN45545-1 Burning behaviour	EN ISO 9239-1	> 11.0KW/m ²

Physical properties

Property	Test Method	Typical Properties
Sheet Size (max)	Width / Length	2 x 10m
Hardness, °IRHD	ISO 48	92°
Density, g/cm ³	ISO 2781	1.7
Tensile Strength, MPa	ASTM F152	7.0
Flexibility	ASTM F147	3d
Abrasion Resistance	Taber Abrader 3000 cycles, 500g	Weight loss 0.5g Thickness loss 0.12mm
Slip Resistance	TRRL Pendulum	Dry 75 Wet 31
Residual Indentation	BS 6826	1%

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No PVC

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