

FR Polyurethane Foam EN45545-2

Product Code: RC02233

Technical Specification

Property	Test Method	Value
Density (kg/m ³)	BS4443 Part 1 Method 2	130 min
Thickness (mm)	-	Nominal ±1
Indentation Hardness (N)	BS4443 Part 2 Method 7A	220 min
Tensile Strength (Unaged) (KPa)	BS4443 Part 1 Method 3A	70 min
% Loss After Ageing	BS4443 Part 4 Method 11 BS4443 Part 4 Method 12	15 max 15 max
Elongation at Break (Unaged %)	BS4443 Part 1 Method 3A	150 min
Compression Set at 75% Compression %	BS4443 Part 1 Method 6A	15 max
Smoke Index	NES 711	50 max
Toxicity Index	NES 713	3.5 max
Oxygen Index (%)	NES 714	50 min
Pounding Class	BS3379	Class S
Surface Spread of Flame	BS476 Part 7	Class 1
Reaction to Fire	Epiradiateur NFP 92-501	Class M1
Rating to NF 16-101	NFX 70-720 & NFX 70-100	Class F1
Smoke Emission	BS6853	A0 <9
Smoke Generation	ISO 5659-2: 2012 @25kW/m ² with pilot flame	D _s <200
Reaction to fire: Heat Release, Smoke Production and Mass Loss Rate (cone calorimeter method)	ISO 5660:2015+A1:2009	MAHRE kWm ⁻² <50
Fire Behaviour/Toxic Gases	EN45545-2	CIT _g <0.75



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