

RIGID PHENOLIC INSULATION

PROPERTIES	STANDARD	UNITS
NOMINAL DENSITY	BS4370	40 kg/m ³ +/- 2
THERMAL CONDUCTIVITY	BS4370	0.021 W/m.K +/- 0.002
TEMPERATURE LIMITS		-180°C to +120°C
SPECIFIC HEAT		1.88 kl/kg. C
COMPRESSIVE STRENGTH	BS4370	
- Parallel to rise		180 kPa +/- 40
- Perpendicular to rise		140 kPa +/- 40
TENSILE STRENGTH		
- Parallel to rise		200 kPa +/- 40
- Perpendicular to rise		180 kPa +/- 40
CLOSED CELL CONTENT	BS4370	Minimum 95%
Fire Test Classifications		
• BS476 Part 6 and Part 7 - Results conform to Class O of the UK Building Regulations • Epiradiateur - M1 • ASTM E84 25/50 Flame and Smoke - up to 3 inches thick • NEN 6065/6066 - Klasse 1/2 • DIN 4102 - B1		
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