

TRICAST 3 POLYURETHANE FOAM

Tricast 3 is a rigid polyurethane low density rigid foam available in sheet form, suitable for a wide variety of building insulation and G.R.P. manufacturing processes.

Tricast 3 does not contain any substances alleged to deplete the Ozone Layer, i.e. it is ODP-zero. **Tricast 3** has a calculated G.W.P. (Global Warming Potential) of less than 5, where CO₂ is a reference value of 1.

DIMENSIONS

Thickness: 6 - 600mm **Width:** 600, 1200mm **Length:** 600, 1200, 2400mm
Other sizes on request

TYPICAL PROPERTIES

Nominal density			48kg/m ³ (3 lbs/ft ³)
Initial thermal conductivity			0.030 W/m °K @ 10°C
Closed Cell	BS4370		> 90%
Compressive Strength	ISO 844	Normal to major plane	350 kPa
Compressive modulus	ISO 844	Normal to major plane	10,600 kPa
Tensile Strength	ISO 1926	Parallel to major plane	450 kPa
Tensile Modulus	ISO1926	Parallel to major plane	6250 kPa
Cross break strength	BS4370	Perpendicular to major plane	540 kPa
Shear Strength	ISO1922	Parallel to major plane	375 kPa
Shear Modulus	ISO1922	Parallel to major plane	2,500 kPa
Upper service temperature limit			70°C
Dimensional stability	BS4370	70°C for 7 days	<+0.5%
		50°C / 100%rh for 7days	<+0.5%
		-20°C for 7 days	No change

APPLICATIONS

Building insulation, refrigeration doors & panels, GRP manufacture - tanks, cabinets, sections and shaping, withstanding the application of glass & resin at lamination stage.

Whilst the information above is true and accurate to the best of our knowledge and belief, all liability for errors and omissions, damage or loss resulting here from is hereby excluded. Recommendations for use should be verified as to suitability and compliance with actual requirements, specifications and any applicable laws and regulations.

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