

TRICAST 4 POLYURETHANE FOAM

Tricast 4 rigid polyurethane medium density foam available in sheet form and is suitable for a wide variety G.R.P. laminating applications and panel manufacturing.

Tricast 4 does not contain any substances alleged to deplete the Ozone Layer, i.e. it is ODP-zero, and has a very low calculated G.W.P. (Global Warming Potential) of 1, where CO₂ is used as a reference value of 1

DIMENSIONS

Thickness: 6 - 450mm **Width:** 600, 1200mm **Length:** 600, 1200, 2400mm

Other sizes on request.

TYPICAL PROPERTIES


Nominal density			64 kg/m ³ (4 lbs/ft ³)
Initial thermal conductivity			0.030 W/m °K @ 10°C
Closed Cell	BS4370		> 95%
Compressive Strength	ISO 844	Normal to major plane	540 kPa
Compressive modulus	ISO 844	Normal to major plane	23,600 kPa
Tensile Strength	ISO 1926	Parallel to major plane	555 kPa
Tensile Modulus	ISO1926	Parallel to major plane	8,900 kPa
Cross break strength	BS4370	Perpendicular to major plane	744 kPa
Shear Strength	ISO1922	Parallel to major plane	380 kPa
Shear Modulus	ISO1922	Parallel to major plane	3450 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


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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