

TRICAST 5 POLYURETHANE FOAM

Tricast 5 is a medium density rigid Polyurethane Foam in sheet form and is available in scored and pre-cut foam kits for a variety of GRP manufacturing applications.

Tricast 5 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 a reference value of 1.

DIMENSIONS

Thickness: 6 - 400mm **Width:** 600, 1200mm **Length:** 600, 1200, 2400mm
Other sizes on request

TYPICAL PROPERTIES

Nominal density			80 kg/m ³ (5 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	720 kPa
Compressive modulus	ISO 844	Normal to major plane	29,000 kPa
Tensile Strength	ISO 1926	Parallel to major plane	860 kPa
Tensile Modulus	ISO1926	Parallel to major plane	14,450 kPa
Cross break strength	BS4370	Perpendicular to major plane	1,000 kPa
Shear Strength	ISO1922	Parallel to major plane	450 kPa
Shear Modulus	ISO1922	Parallel to major plane	6,000 kPa
Upper service temperature limit			90°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

Tricast 5 is used as a core material in GRP structures to increase stiffness and for load bearing purposes particularly in the field of boat building. It is also ideal for use in moulding and modelling work.

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.

44 (0) 1663 740120

sales@tridentfoams.co.uk

BKB House, Goyt Valley Industrial Estate, Off Station Road, Furness Vale, High Peak, SK23 7SN

Registered in England No.2026997 VAT Number: GB 616036171 EORI Number: GB 616036171000

Directors: C.P.Kenyon MD, C.F.Kenyon. R.L.Kenyon. AIREX AND BALTEK are registered trademarks of 3A Composites