

## **TRICAST 5 POLYURETHANE FOAM**

### **DESCRIPTION**

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 CO<sub>2</sub> is a reference value of 1.

Dimensions:	Thickness:	6 - 300mm
	Width:	600, 1200mm
	Length:	600, 1200, 2400
	Other sizes on request.	

### **TYPICAL PROPERTIES**

Nominal density	80 kg/m <sup>3</sup> (5 lbs/ft <sup>3</sup> )
Initial thermal conductivity	0.03 W/m <sup>2</sup> K @ 10°C ( BS874, Anacon)
Closed Cell (BS 4370 Prt 2 Method 10)	> 95%
Compressive Strength Normal to major plane	(BS.4370 Prt.1 1968 Method 3) 720 kPa
Tensile Strength (BS.4370 Prt.2 1973 Method 9) Parallel to major plane	750 kPa
Cross break strength (BS 4370 Prt.1 method 4) Perpendicular to major plane	1000 kPa
Shear Strength Parallel to major plane	(BS.4370 Prt.2 1973 Method 6) 450 kPa
Upper service temperature limit	90°C
Dimensional stability (BS 4370 Prt.1 method 5A)	
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.