

TRICAST 3 POLYURETHANE FOAM

DESCRIPTION

Tricast 3 is a rigid polyurethane low density rigid polyurethane foam available in sheet form, and is 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 - 300mm
Width:	600, 1200mm
Length:	600, 1200, 2400
Other sizes on request.	

TYPICAL PROPERTIES

Nominal density	48kg/m ³ (3lbs/ft ³)
Initial thermal conductivity	0.03W/m ² K@10°C(BS874, Anacon)
Closed Cell (BS.4730 Prt.2 Method 10)	>90%
Compressive Strength (BS.4370 Prt.1 1968 Method 3)	
Normal to major plane	350 kPa (Modulus – 10,000 kPa)
Parallel to major plane	225 kPa (Modulus – 5,750 kPa)
Tensile Strength (BS.4370 Prt.2 1973 Method 9)	
Parallel to major plane	450 kPa
Cross break strength (BS 4370 Prt.1 method 4)	
Perpendicular to major plane	540 kPa
Shear Strength (BS.4370 Prt.2 1973 Method 6)	
Parallel to major plane	375 kPa
Upper temperature limit	70°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

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.