POLYURETHANE FOAM

DESCRIPTION

A 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. does not contain any C.F.C.s., H.C.F.C.s or H.F.A.s, and therefore has a zero O.D.P. (Ozone Depletion Potential). Tricast 2 has a calculated G.W.P. (Global Warming Potential) of 2.7, where CO_2 is a reference of 1.

DIMENSIONS:-

Thickness:	6 - 600mm
Width:	600, 1200mm
Length:	600, 1200, 2400mm.

Other sizes on request.

TECHNICAL PROPERTIES

Nominal density	32kg/m^3 (2lbs/ft^3)
Initial thermal conductivity	0.030 W/m °K @ 10°C
Closed Cell (BS.4370 Prt.2 Method 10)	> 95%

Compressive Strength (BS.4370 Prt.1 1968 Method 3)

Normal to major plane	170 kPa
Parallel to major plane	100 kPa

Tensile Strength (BS.4370 Prt.2 1973 Method 9)

Parallel to major plane	230 kPa

Cross break strength (BS 4370 Prt.1 method 4)

Perpendicular to major plane	245 kPa

Shear Strength (BS.4370 Prt.2 1973 Method 6)

Parallel to major plane	-
Upper service temperature limit	70^{o}C

Dimensional stability (BS 4370 Prt.1 method 5A)

70^{o}C for 7 days	<+0.5%
50^{o}C / 100%rh for 7days	<+0.5%
-20^{o}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.