

TANCAST 8 POLYURETHANE FOAM

DESCRIPTION

Tancast 8 is a rigid high density polyurethane foam, with an ODP (Ozone Depletion Potential) of zero, and does not contain any HFC's, HFA's or chlorinated hydrocarbons. Tancast 8 has a very low calculated GWP of 1, where CO₂ is a reference value of 1.

Standard block Dimensions:

Thickness:	150 - 300mm
Width:	1000mm
Length:	1000mm
Other sizes on request.	

TYPICAL PROPERTIES

Nominal density	128 kg/m ³ (8lbs/ft ³)
Initial thermal conductivity	0.032 W/m ^o K @ 10°C
Closed Cell	> 95%
Compressive Strength (BS.4370 Pt.1 1968 Method 3) Normal to major plane	1250kpa
Tensile Strength (BS.4370 Pt.2 1973 Method 9) Parallel to major plane	2030kpa
Cross break strength (BS 4370 pt.1 method 4) Perpendicular to major plane	2070kpa
Shear Strength (BS.4370 Pt.2 1973 Method 6) Normal to major plane	N/A
Shear modulus	N/A
Upper temperature limit	70°C
Dimensional stability (BS 4370 pt.1 method 5A)	
70°C for 7 days	-1.5%
50°C / 100%rh for 7days	<+0.5%
-20°C for 7 days	No change

APPLICATIONS

Used by the Engineering business for CNC Machining, Tancast 8 can be carved easily enabling small prototypes to be made, it is also used in the model making industry.