

TANCAS T 12 POLYURETHANE FOAM

DESCRIPTION

Tancas T 12 is a rigid polyurethane high density foam.

Standard block Dimensions:

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

TYPICAL PROPERTIES

Nominal density	192kg/m ³ (12lbs/ft ³)
Initial thermal conductivity	0.038 W/m ² K @ 10°C
Closed Cell	> 97%
Compressive Strength (BS.4370 Pt.1 1968 Method 3) Normal to major plane	3340kpa
Tensile Strength (BS.4370 Pt.2 1973 Method 9) Parallel to major plane	3000kpa
Cross break strength (BS 4370 pt.1 method 4) Perpendicular to major plane	4990kpa
Shear Strength (BS.4370 Pt.2 1973 Method 6) Normal to major plane	N/A
Shear modulus	N/A
Upper service 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

Tancas T 12 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.

APPLICATION

Used by the Engineering business for CNC Machining, Tancas T 12 can be carved easily enabling small prototypes to be made, it is also used in the model making industry.