

TANCAST 16 POLYURETHANE FOAM

Tancast 16 is a high density rigid polyurethane foam.

Tancast 16 is ODP-zero, and has a very low calculated G.W.P. (Global Warming Potential) of 1, where CO₂ is used as a reference value of 1

TYPICAL PROPERTIES

Thickness: 150 - 220mm **Width:** 1000mm **Length:** 2000mm
Other sizes on request.


DIMENSIONS

Nominal density			256 kg/m ³ (16 lbs/ft ³)
Initial thermal conductivity			0.045 W/m °K @ 10°C
Closed Cell	BS 4370		> 97%
Compressive Strength	ISO 844	Normal to major plane	5,000 kPa
Compressive modulus	ISO 844	Normal to major plane	125,000 kPa
Tensile Strength	ISO 1926	Parallel to major plane	4,400 kPa
Tensile Modulus	ISO 1926	Parallel to major plane	265,000 kPa
Cross break strength	BS 4370	Perpendicular to major plane	5,500 kPa
Shear Strength	ISO 1922	Parallel to major plane	1,700 kPa
Shear Modulus	ISO 1922	Parallel to major plane	15,550 kPa
Upper service temperature limit			70C
Dimensional stability	BS 4370	70°C for 7 days	< -1%
		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 16 can be carved easily enabling small prototypes to be made, it is also used in the model making industry.

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

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