

TANCAST 20 POLYURETHANE FOAM

Tancast 20 is a high density rigid polyurethane foam.

Tancast 20 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: 220mm **Width:** 610mm **Length:** 2440mm
Other sizes on request.


DIMENSIONS

Nominal density				320 kg/m ³ (20 lbs/ft ³)
Initial thermal conductivity				0.051 W/m °K @ 10°C
Closed Cell	BS 4370			> 97%
Compressive Strength	ISO 844	Normal to major plane		7,600 kPa
Compressive modulus	ISO 844	Normal to major plane		185,000 kPa
Tensile Strength	ISO 1926	Parallel to major plane		5,800 kPa
Tensile Modulus	ISO 1926	Parallel to major plane		367,000 kPa
Cross break strength	BS 4370	Perpendicular to major plane		8,900 kPa
Shear Strength	ISO 1922	Parallel to major plane		2,150 kPa
Shear Modulus	ISO 1922	Parallel to major plane		18,350 kPa
Upper service temperature limit				70C
Dimensional stability	BS 4370	70°C for 7 days		< -2%
		50°C / 100%rh for 7days		<+0.5%
		-20°C for 7 days		No change


APPLICATIONS

Used by the Engineering business for CNC Machining,

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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