

ZOTEK® T 75

High Performance Foams

ZOTEK®

Product information

Typical values

ZOTEK® T 75 is a closed cell, foam of density 75 kg/m³ made from thermoplastic elastomer available in sheet form. The foam will thermoform into simple and complex shapes. This product information sheet provides typical values for the foam and does not constitute a specification.

Property	Test Standard	Units	Typical Value
Apparent Density			
Skin/Skin	BS EN ISO 7214:2012	kg/m ³ (pcf)	80 (5.0)
Cell/Cell			75 (4.7)
Cell Size (cell diameter)	Internal	mm (in)	0.38 (0.01)
Compression Stress-Strain			
25% compression	BS EN ISO 7214:2012	kPa (psi)	80 (11)
50% compression	1 st Compression		160 (23)
Tensile Strength	BS EN ISO 7214:2012	kPa (psi)	675 (98)
Tensile Elongation		%	440
Tear Strength			
	BS EN ISO 8067:2008		
	Method A	N/m	3700
	Method B		4200
Compression Set			
50% comp. / 22hr / 23°C	BS EN ISO 7214:2012		
½ hr recovery		% set	18
24hr recovery	25mm cell-cell		9
Hardness	ASTM D-2240	Asker C	26
Resilience	ISO 8307	%	64
Flammability	FMVSS.302 – Burn rate	<100mm/min.	Pass at 6mm
Automotive			
Thermal conductivity			
Mean temperature of 0 °C (32 °F)		W/m.K	0.034 (0.236)
Mean temperature of 25 °C (77 °F)	ISO 8301	(Btu in/ft ² .hr.°F)	0.036 (0.249)
Mean temperature of 80 °C (176 °F)			0.043 (0.298)

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OHS 52538
ISO 45001: 2018



Environment
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