

PLASTAZOTE® LD15 FM

Premium Durable Foams

Plastazote® lightweight, crosslinked polyethylene block foams are manufactured using Zotefoams unique autoclave technology to satisfy a wide range of applications across multiple industries.

TYPICAL VALUES

The values provided represent data gathered from random samples of our production of the foam and should be considered as guidance for selecting a suitable grade for a given application. This does not constitute a specification.

PROPERTY	TEST STANDARD	UNITS	TYPICAL VALUE
Apparent Density Skin/Skin	ISO 7214:2012	kg/m ³ (pcf)	(nominal) 15
Cell Size (Cell Diameter)	Internal	mm (in)	0.4
Compression Stress-Strain 25% Compression 50% Compression	ISO 7214:2012	kPa (psi)	44 107
Tensile Strength Tensile Elongation	ISO 7214:2012	kPa (psi) %	217 92
Compression Set 25% Comp./22 Hour/23°C ½ Hour Recovery 24 Hour Recovery	ISO 7214:2012	% set	 14 6
Tear Strength	ISO 8067:2008 Method B	N/m	848
Hardness OO Scale	ISO 868:2003		49
Recommended Maximum Operating Temperature*	Internal	°C (°F)	85
Water Absorption	ISO 2896:2001 Ed. 3	%	<1
PROPERTY	TEST STANDARD	TYPICAL VALUE	
Flammability Automotive	FMVSS 302	Burn rate <100mm/min Pass at 2mm	

*Recommended maximum operating temperature

The maximum operating temperature shown is defined as the temperature which will typically cause a linear shrinkage of 5% after a 24hr exposure period, using sample dimensions of 100mm x 100mm x 25mm. This figure is provided for general guidance only. The actual level of shrinkage the foam will undergo at any temperature is dependent on several system variables such as, sample dimensions, cell size, loading conditions and exposure period.

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