

# PLASTAZOTE® MP15

## 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
<b>Apparent Density</b>	ISO 7214:2012	kg/m <sup>3</sup>	(nominal)
Skin/Skin			15
<b>Cell Size (Cell Diameter)</b>	Internal	mm	0.2
<b>Compression Stress-Strain</b>	ISO 7214:2012	kPa	
25% Compression			40
50% Compression			101
<b>Tensile Strength</b>	ISO 7214:2012	kPa	402
<b>Tensile Elongation</b>		%	169
<b>Compression Set</b>	ISO 7214:2012	% set	
25% Comp./22 Hour/23°C			
½ Hour Recovery			14
24 Hour Recovery		5	
<b>Tear Strength</b>	ISO 8067:2008 Method B	N/m	1525
<b>Shore Hardness</b>	ISO 868:2003		
OO Scale			50
<b>Recommended Maximum Operating Temperature*</b>	Internal	°C	85

\*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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