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Specification Sheet (Superceded) / 01 A340 / 33 i Closed Cell Expanded Polyethylene



Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

Property	Average Values
General	
Density ISO845	33 kg/m ³
Tensile strength @ 23 °C ISO 1926	
Lengthwise	400 kPa
Crosswise	265 kPa
Tensile elongation @ 23 °C ISO 1926	
Lengthwise	130 kPa
Crosswise	125 kPa
Comprehensive strength ISO 844	
Deflection 10 %	19 kPa
Deflection 25 %	40 kPa
Deflection 50 %	105 kPa
Compression Set ISO 1856-C	22 h charge 23 °C deflection 25 %
Deflection 25 % .5h after discharge	20%
Deflection 25 % 24h after discharge	11 %
Thermal conductivity ISO 2581	
@ 10 °C	0.034 W/m.K
@ 40 °C	0.039 W/m.K
Working temperature range	-80 °C / +100 °C
Water absorption (96 h)	<1 vol %
Water vapour transmission ISO 1663	- G/m x 24 h
U Value (23 °C, 0.85 % r h) ISO 1663	
Shore Hardness ' 00' Scale	21 - 44

Change Control Date	Change
16/08/2013	Created



The above figures are average values.
We recommend that you examine any material you select to ensure its suitability for your application.
Tolerance(s) applied in accordance with ASG specification No WI007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

