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Specification Sheet / 01

A341 FR Closed Cell Expanded Polyethylene DO NOT USE



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

Property	ISO	Unit	
Density	845	kg/m ³	30
Tensile strength	1926	kPa	245
Tensile elongation	1926	%	130
Comprehensive strength	844		
Deflection 10 %		kPa	25
Deflection 25 %		kPa	45
Deflection 50 %		kPa	100
Compression Set	1856- C		
Deflection 25 % .5h after discharge	14 %		
Deflection 25 % 24h after discharge	4 %		
Thermal conductivity ISO 2581			
@ 10 °C	0.035 W/m.K		
@ 40 °C	0.037 W/m.K		
Working temperature range	-80 °C / +80 °C		
Water absorption (7 days)	<2.5 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	16 - 37		

Change Control Date	Change
01/05/2015	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.

