

Specification Sheet / 01

A340 / 67 Closed Cell Expanded Polyethylene



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

Property	Stat	Norm	Unit	Avg	Min	Max
General						
Thickness		ISO1923	mm	3.00	2.70	3.30
Area weight		Internal	g/m ²	201	172	230
Apparent density		ISO845	kg/m ³	67.0	60.0	74.0
Tensile strength @ 23 °C						
Lengthwise at break	Final	ISO1926	kPa	860	620	1100
Crosswise at break	Final	ISO1926	KPa	580	440	720
Tensile elongation @ 23 °C						
Lengthwise	Final	ISO1926	%	200	140	260
Crosswise	Final	ISO1926	%	150	100	200
Compression Stress / Strain						
Deflection 25 %	Prov	ISO3386-1	kPa	78	56	100
Deflection 40 %	Prov	ISO3386-1	kPa	120	80	160
Deflection 50 %	Prov	ISO3386-1	kPa	160	110	210
Compression Set						
Deflection 25 % .5h after discharge	Final	ISO1856-C	%	15	12	18
Deflection 25 % 24h after discharge	Final	ISO1856-C	%	7.1	3.6	14.2
Thermal stability						
Max temperature	Internal	°C				100
Dimensional change length / cross	Prov	Internal	%			-5
Flammability						
Burning speed	Prov	ISO3795	mm/min	N/A	100	N/A
Shore Hardness						
Shore A	Prov	ISO868-1985		20	18	22
Shore 0	Final	ASTM D2240		27	24	30
Shore 00	Final	ASTM D2240		62	56	68
Water Absorption						
Vol % water absorption		ISO2896				1.0

Change Control Date	Change
16/08/2013	Created

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Specification Sheet / 02

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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.



ASG