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Material Specification Sheet

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RHN 15L



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Closed Cell Polyethylene Foam – 60kg

Description	Standard	Value	Unit
Density	ISO 845	60 (+-15%)	Kg/m ³
Tensile Strength	ISO 1798	629	kPa
Elongation	ISO 1798	185	%
Compression 10%	ISO 844	105	kPa
Compression 25%	ISO 844	123	kPa
Compression 50%	ISO 844	200	kPa
Compression Set 0.5 Hrs	ISO 1856	7	%
Compression Set 24 Hrs	ISO 1856	2	%
Working Temperature Range	Internal	-60 / 90	°C
Water Absorption % Vol (Max)	Internal	1	%
Thermal Conductivity at 10c	ASTM C177	0.0400	W/mk
Thermal Conductivity at 40c	ASTM C177	0.0430	W/mk
Shore - OO	ASTM D2240	70	oo
Dimensional Stability 24 Hr at 70°C <2%			
Please note - If holes were created during the foaming process, no more than six holes of 2mm diameter per 1000mm ² sheet are acceptable.			
Data represents typical values measured on a 10mm thick specimen and should be considered as guidelines only			

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied

