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Material Specification Sheet

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RHN 15J



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Closed Cell Alveolit Polyethylene Foam – 33Kg

Properties	Test Method	Unit	Value
Density	845	Kg/m	33
Tensile Strength	1926	-	-
Lengthwise	-	kPa	400
Crosswise	-	kPa	265
Tensile Elongation	1926	-	-
Lengthwise	-	%	130
Crosswise	-	%	125
Comprehensive Strength	844	-	-
Deflection 10%	-	kPa	19
Deflection 25%	-	kPa	40
Deflection 50%	-	kPa	105
Compression set	1856-C	-	-
2h charge, 23 C deflection 25%	-	-	-
0.5hr after discharge	-	%	20
24hr after discharge	-	%	11
Thermal conductivity	2581	-	-
At 10 C	-	W/mk	0.034
At 40 C	-	W/mk	0.039
Working temp range	Internal	c	-80/+100
Water absorption (96h)	Internal	Vol %	<1
Water vapour transmission	1663	G/m x 24h	-
U value (23 C, 0.85% r.h)	1663	-	-
Shore	Internal	-	21/44

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

