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Material Specification Sheet

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RHN 11C



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Semi Open Cell EPDM Sponge

Properties	Average Value
Referring standard Norm ASTM D-1056	1A0
Cellular structure	Open
Colour	Black / Grey
Density	100 + _15 kg/m ³
Temperature Range	- 40°C / + 100°C
Temperature test in over for 5 hrs @ 130°C	No dimensional change on A4 sample, 40mm thick
Temperature test in over for 12 hrs @ 150°C	6.5% thickness shrinkage, no other dimensional change on A4 sample, 40mm thick
Linear shrinkage after 7 days @ 70°C	< 1%
Ultimate elongation ASTM D412	> 100%
Compression Set @ 25% ASTM 1056	0.23 kg/cm ² (23 kPa)
Compression Set @ 50% ASTM 1056	0.38 kg/cm ² (38 kPa)
Tensile strength (0.4mm thick)	100 kPa
Shore hardness	8/12
Fire resistant (MVSS 302 – FIAT 50433)	Pass (FR)
Method of vulcanisation	Sulphur

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