

Flexi-Cell | DATA SHEET

Grade - EP150/A3

Black Closed Cell EPDM/CR Sponge.

Requirement/Specification	Specification Limits	Typical Value
Size - skin/skin (mm)	2000 x 1000 x 54 (+/- 4)	
Compression @ 25% Deflection (kPa) ASTM D1056-00	65 TO 95	73
Compression Deflection @ 50% (kPa) ASTM D1056-00	100 - 200	152
Density (kg/M³) ISO 845-95	150 +/- 20	152
Compression Set (50%22h20°C) ASTM D1056-00	25% Max.	16.1%
Water absorption, max. change in weight (%) ASTM D1056-00	10	0.7
Heat Ageing, Change in Compression Deflection, 168 hrs @ 70°C	+ / - 30%	PASS
Flammability FMVSS 302	Burn Rate < 100mm	PASS
Elongation at Break (%) ISO 1798-7	N/A	>120
Tensile Strength (KN/M²) ISO 1798-7	N/A	> 500
Temperature Range (Low - High)	N/A	-40 TO + 70 °C.
High Intermittent	N/A	+100 °C.
Resistance to Air + UV	EXCELLENT	
Resistance to Oil	POOR	
Resistance to Acids	GOOD	
Environmental Protection	CFC AND HFC FREE / CAN BE RECYCLED	
Specification	ASTM D1056-00 AFNOR 99-211	2A3 B2C 2CO8/16 B3 C2

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