

Flexi-Cell | DATA SHEET

Grade - EP12-70/A1/A2

Black Closed Cell EPDM Sponge.

Requirement/Specification	Specification Limits	Typical Value
Size - skin/skin (mm)	2000 x 1000 x 70 (+/- 2)	
Compression @ 25% Deflection (kPa) ASTM D1056-00	30 TO 60	40
Compression Deflection @ 50% (kPa) ASTM D1056-00	80 - 160	105
Density (kg/M³) ISO 845-95	120 +/- 20	102
Compression Set (50%22h20°C) ASTM D1056-00	35% Max.	33%
Water absorption, max. change in weight (%) ASTM D1056-00	10	1.2
Heat Ageing, Change in Compression Deflection, 168 hrs @ 70°C	+ / - 30%	PASS
Flammability FMVSS 302	Burn Rate < 100mm	PASS
Flammability UL94 HBF		PASS ¹
Elongation at Break (%) ISO 1798-7	N/A	>180
Tensile Strength (KN/M²) ISO 1798-7	N/A	> 400
Temperature Range (Low - High)	N/A	-40 TO + 85 °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	2A1/A2 B3C 2CO4/2C08 B4 C2

The information is given in good faith and is to the best of our knowledge true and accurate. However, since the conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee.

This statement does not affect the statutory rights of a customer.

¹ In accordance with.