

**Flexi-Cell** | DATA SHEET

**Grade - EP120/A2**

**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	35 TO 65	43
Compression Deflection @ 50% (kPa) ASTM D1056-00	80 - 160	112
Density (kg/M <sup>3</sup> ) ISO 845-95	120 +/- 20	122
Compression Set (50%22h20°C ) ASTM D1056-00	25% Max.	19.1%
Water absorption, max. change in weight (%) ASTM D1056-00	10	0.8
Heat Ageing, Change in Compression Deflection, 168 hrs @ 70°C	+ / - 30%	PASS
Flammability FMVSS 302	Burn Rate < 100mm	PASS
Flammability UL94 HBF		PASS <sup>1</sup>
Elongation at Break (%) ISO 1798-7	N/A	>180
Tensile Strength (KN/M <sup>2</sup> ) ISO 1798-7	N/A	> 500
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	2A2 B2C 2C08/3C08 <sup>2</sup> B3 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 maybe used are beyond our control, recommendations are made without warranty or guarantee.  
This statement does not affect the statutory rights of a customer.

<sup>1</sup> In accordance with.

<sup>2</sup> This material passes the 3C08 requirements, but the majority polymer is EPDM