

## LOW DENSITY SILICONE FOAM

### Material Description:

NMOCS 130 silicone foam offers outstanding compression set characteristics and durability together with very low flammability and smoke emission. Lighter than common silicone foams but maintaining superior weather- and UV-resistance, these products offer a safer and longer lasting alternative for cushioning and sealing applications.

## TECHNICAL DATASHEET NMOCS 130

Typical Properties	Typical Values	Test Methods
Density (kg/m <sup>3</sup> )	130	ASTM D 1056
Tensile Strength (kPa)	70	ASTM D 412
Elongation (%)	> 60 %	ASTM D 412
Indentation Force Deflection (kPa, 50 mm thick)	7.5	ASTM D 3574 B1
Compression Set (50% compressed)	< 5 % < 5 %	ASTM D 1056 Test D 22h at 70 °C 22h at 100 °C
Durability	0 % height loss	Jounce and Squim 1 000 000 cycles
Flame Spread	< 25	ASTM E 162/ D 3675
Smoke Density	< 50 < 20	ASTM E 662 1.5 min 4.0 min
Vertical Flammability	Pass	FAR 25.853 (a)(1)(i) 60 sec FAR 25.853 (a)(1)(ii) 12 sec
Toxic Gas Emissions	Pass	Bombardier SMP 800C