

7129 – Soft Flame Resistant Sponge Silicone

Preliminary Data

7129 is a closed cell silicone sponge sheet material designed for flame resistant applications. It is soft firmness available in sheets.

Features and Benefits

- Flame resistant
- Handles temperature extremes
- Excellent gasket material
- Low closure force
- UV / Ozone resistant

Specifications

- BMS 1-60 Type 1, Grade A
- DMS-1980 Grade 1, Soft

7129		
Property	Test Method	Typical Value
<i>PHYSICAL</i>		
Color		Gray
Density, lb./ft ³	ASTM D 1056	31
Compression Force Deflection, psi	Force measured @ 25% Deflection ASTM D 1056	2 – 7psi (Soft stiffness)
Compression Set, % max.	ASTM D 1056 Test D @ 212°F (100°C), 22 hrs.	35%
Tensile Strength, psi	ASTM D 412	75
Elongation, %	ASTM D 412	250
Water Absorption, %	ASTM D 1056	5% max
<i>FLAMMABILITY</i>		
Flame Resistance	FMVSS302 UL94 HBF *	Pass Pass
Temperature Resistance		-103°F to +400°F

*Rating dependant on thickness

Notes:

1. Additional technical information is available.
2. Typical values are a representation of an average value for the population of the property. For specification values contact Rogers Corporation.
3. All values are based on preliminary test data and are currently up for review.

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