

BISCO® 7429 – Firm Flame Resistant Sponge Silicone

BISCO® 7429 is a closed-cell silicone sponge sheet material designed for flame resistant applications. It is a firm grade available in sheets.

Features and Benefits

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

Specifications

- BMS 1-60 Type 1, Gr. C
- DMS-1980 Grade 3, Class 2 Firm

BISCO 7429		
Property	Test Method	Typical Value
PHYSICAL		
Color		Gray
Density, lb./ft³	ASTM D 1056	35
Compression Force Deflection, psi	Force measured @ 25% Deflection ASTM D 1056	14 – 22psi (Firm stiffness)
Compression Set, % max.	ASTM D 1056 Test D @ 212°F (100°C), 22 hrs.	35%
Tensile Strength, psi	ASTM D 412	200
Elongation, %	ASTM D 412	250
Water Absorption, %	ASTM D 1056	5% max
FLAMMABILITY		
Flame Resistance	FMVSS302	Pass
Temperature Resistance		-85°F to +400°F

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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