

## 7429 – Firm Flame Resistant Sponge Silicone

## Preliminary Data

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 2, Firm

7429		
Property	Test Method	Typical Value
<i>PHYSICAL</i>		
Color		Gray
Density, lb./ft <sup>3</sup>	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
<i>FLAMMABILITY</i>		
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.

The information contained in this Data Sheet is intended to assist you in designing with Rogers' High Performance Foams. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown on the Data Sheet will be achieved by a user for a particular purpose. The user should determine the suitability of Rogers' High Performance Foams for each application. The Rogers logo, The world runs better with Rogers. and BISCO are licensed trademarks of Rogers Corporation. © 2009 Rogers Corporation, All rights reserved. Printed in U.S.A., 9076-1209-PDF, Publication #180-168P