

BISCO[®] 7130 – Soft Flame Resistant Sponge Silicone – Data Sheet

BISCO[®] 7130 is a closed-cell silicone sponge sheet material designed for flame resistant applications. It is a soft firmness grade 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

BISCO 7130		
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 dependent 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.



The information contained in this Data Sheet is intended to assist you in designing with Rogers' BISCO Silicone 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' BISCO Silicone Foams for each application. The Rogers logo, BISCO logo, Helping power, protect, connect our world and BISCO are trademarks of Rogers Corporation or one of its subsidiaries. © 2009, 2018, 2019 Rogers Corporation, All rights reserved. Printed in U.S.A., 0119-PDF, Publication #180-169