

## 7409 MEDIUM FIRM DENSITY FLAME RETARDANT SILICONE SPONGE MOLDED PRODUCTS

### DESCRIPTION

Bellofram Silicones 7409 is a medium firm density flame retardant closed cell silicone sponge molded elastomer product. Our sponge materials are designed for applications in which low compressive force and distance are required for sealing, as well as where temperature resistance is important.

Contact us at [siliconesRFQ@bellofram.com](mailto:siliconesRFQ@bellofram.com) to request a free product sample or quotation.



### FEATURES

- Handles temperature extremes
- Excellent gasketing material
- Low closure force
- Very low compression set
- Ultraviolet ray (UV) resistant
- Ozone resistant

### MATERIAL SPECIFICATIONS

- ASTM D-1056 2D4
- AMS 3196F
- Meets burn requirements of UL94 V-0

### TYPICAL PHYSICAL PROPERTIES

| PROPERTY                                | TEST METHOD | SPECIFICATION                           |
|---|-------------|---|
| Compression Deflection                  | ASTM D-1056 | 13 to 17 psi                            |
| Heat Age (22 Hours @ +150°C)            | ASTM D-1056 | Change in Compression Deflection, +/-5% |
| Water Absorption                        | ASTM D-1056 | 10% max.                                |
| Compression Set (22 Hours @ +100°C)     | ASTM D-1056 | 32%                                     |
| Low-Temperature Flex (5 Hours @ -55°C)  | ASTM D-1056 | PASS                                    |
| Flammability                            | UL94 V-0    | PASS                                    |
| Temperature Resistance (Continuous)(°F) |             | -85° to + 400°F                         |

Data noted above is based on laboratory tests and should be used as a reference only. Further information and additional specifications are available upon request. Tests, claims, representations, and descriptions regarding flammability are based on standard laboratory tests, and they may not be reliable for determining, evaluating, predicting, or describing the flammability or burning characteristics under actual fire conditions, whenever used alone or in combination with other products. Accordingly, each potential user should make an individual determination whether the flammability or burning characteristics of the product are suitable for the purpose intended by the user.