

# Diversified Silicone Products, Inc.

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Other Data Sheets Are Available On Our Website

[www.diversifiedsilicone.com](http://www.diversifiedsilicone.com)



## SILICONE SHEETING

### Closed Cell Silicone Sponge

“DSP1175MFR”

### MEDIUM FLAME RETARDANT

#### DESCRIPTION:

Flame retardant Silicone sponge is an excellent material for gasketing applications that require a soft compressible material. It is resistant to extreme temperatures. It comes in a dark blue/grey color. The surface has a fine fabric finish on both sides and is available in continuous rolls up to 1/2” thick.

#### FEATURES:

- Flame Retardant
- High Compressibility
- Low Compression Set
- UV / Ozone Resistant
- Excellent Gasketing Material

#### SPECIFICATIONS:

Capable of Meeting:

DMS1980

UL 94 HB

MIL-R-6130 TYPE 2 GRADE A MEDIUM

Properties	Test Method	Typical Values
Density, lbs/cubic in. Under 1/4” thick	(ASTM D-297)	.020
Density, lbs/cubic in. Over 1/4” thick	(ASTM D-297)	.018
Compression Deflection, PSI	(ASTM D-1056)	6-14
Compression Set	(ASTM D-1056)	15
Brittle Point °F		-103
Temperature Range °F		-103 to +450
Water Absorption	(ASTM D-1056)	Pass
Tensile Strength, PSI	(ASTM D-412)	90
Elongation, %	(ASTM D-412)	150

The above values are typical properties and are provided for information only. They should not be used to set specification requirements. It is up to the end user to determine whether the material is suitable for the intended application.