

Diversified Silicone Products, Inc.

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Other Data Sheets Are Available On Our Website

www.diversifiedsilicone.com

Technical Data Sheet

DSP1248

Light Density / Closed Cell Foam

Typical Physical Properties

<u>Property</u>	<u>Test Method</u>	<u>Values</u>
Density (pcf)	ASTM D3574	20-25
Tensile Strength (psi)	ASTM D412	50-75
Elongation (%)	ASTM D412	min. 80
Compression Deflection (psi)	ASTM D 1056	8-12
Compression Set (%)	ASTM D 1056	<10
Bend Fatigue	24hrs @300F (180deg)	Pass
Flame Resistance	UL-94	V- 0
Vertical Flammability	FAR 25.853	Pass
Temperature Range (Static)	SAE J2236	-67 – 392F
Water Absorption (%)	ASTM D570	1.5
Thermal Conductivity (W/m K)	ASTM C-518	.09

SPECIFICATIONS: UL94 V-0, USDA FDA APPROVED Title 21CFR 177.2600

Tests, claims representations and descriptions regarding flammability are based on standard laboratory tests and, as such, may not be reliable for determining, evaluating, predicting or describing the flammability of burning characteristics under actual fire conditions, whether 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.