



Product Information Sheet



87A3485-1-B-SP5PUF1



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Description:

A two component system, consisting of a polymeric polyisocyanate "A-side" and a preblended resin "B-side", with HFC-134a blowing agent, which, upon proper mixing, will yield a nominal 1.8 pcf. polyurethane foam. For further details and handling precautions consult the Material Safety Data Sheet.

Process Application:

Designed and meets requirements for applications that specify the following: UL94 HF-1, Federal Motor Vehicle Standard #302, U.S. Coast Guard Regulation 33 CFR, Section 183.114, as well as MIL P-21929 C Class I.

Storage and Shelf-Life:

Six (6) months from date of manufacture when stored in the original, unopened containers at temperatures between 50° and 90°F.

Safety:

Safety First! When working with any chemicals, eye protection and gloves are recommended. Refer to MSDS for specific details.

Physical Properties using Recommended Processing Characteristics: (Typical Properties, Individual results may vary):

(Properties below are typical when processed through a FSI 30PPM SLUG dispensing unit. Properties are subject to change depending on specific operating parameters.)

	A-SIDE	B-SIDE
• Vapor Pressure @ 140°F / 60°C	n/d	n/d
• Mix Ratio, pbw.	100	95-100
• Chemical Line Temperature, °F *	76-80°F	76-80°F
• Chemical Cylinder Temperature, °F *	76-80°F	76-80°F
• Fixture Temperature, °F *		n/d
• Cream, sec.		n/d
• String Gel, sec.		75-95
• Free Rise Density, pcf.		1.7-1.9
• Core Density, pcf. (ASTM D-1622)		2.0
• Dimensional Stability, % Vol. Change (ASTM D-2126) after 7days @ 130°F/>90% RH		<5
after 7days @ -80°F		0
• Water Absorption, lbs/ft ² (ASTM D-2127)		0.03
• Compressive Strength, psi (ASTM D-1621) parallel to rise		21-27
perpendicular to rise		n/d
• Thermal Efficiency Gas Lambda @ 25°C (mW/m ² *K)		13
Initial k-Factor, BTU-in/hr-ft ² -°F (ASTM C-518) **		0.15
• Closed Cell Content, % (ASTM D-6226)		>90
• UL Category Code		QMFZ2
• Blowing Agent Environmental Impact Ozone Depletion Potential		0
Global Warming Potential		n/d
Volatile Organic Compound		Exempt

(Combustibility: Polyurethane foams are organic material and are combustible under certain fire conditions.)

* Final processing temperatures will be determined after field demos.

** Aged k-factors are solely determined by individual applications.

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