

TECHNICAL DATA SHEET

DESCRIPTION

B-5023 / A-2732 is a High Service Temperature polyurethane spray foam system specially formulated without any ozone depletion substances. This system is designed to withstand service temperature as high as 300°F (149°C). This system is formulated with renewable and recycled products.

REACTIVITY PROFILE

Cream Time	Gel Time	Rise Time
0-1 second	3-4 seconds	5-6 seconds

COMPONENT PRODUCT SPECIFICATIONS

PROPERTY	POLYMERIC ISOCYANATE A-2732	B-5023 RESIN
Appearance	Brown liquid	Amber liquid
Viscosity at 25°C	150-250 cps	200-400 cps
Specific gravity	1.22 – 1.25	1.15 – 1.20
Shelf life	12 months	6 months

TYPICAL PHYSICAL PROPERTIES

PHYSICAL PROPERTIES	STANDARD	RESULT
Density (Core)	ASTM D1622	36 kg/m ³ (2.25 lb/ft ³)
Compressive Strength	ASTM D1621	236 kPa (34.2 psi)
Dimensional Stability	ASTM D2126 (28 days, -20°C, Ambient R.H.)	-0.43%
	ASTM D2126 (28 days, +80°C, Ambient R.H.)	2.56%
	ASTM D2126 (28 days, +70°C, 97%+3% R.H.)	4.78%
Water Absorption (volume)	ASTM D2842	<1.0%
Initial Thermal Resistance (50mm)	ASTM C518	7.12 ft ² .h. ⁰ F/btu.in (1.25 m ² .°C/W)



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