

TECHNICAL DATA SHEET

GENYK B-1022/A-2732 is a two-component rigid polyurethane foam system specially formulated to comply with zero ozone depletion regulations. This system is used to produce insulated panels, garage door panels and residential doors. It is designed for processing through low- or high-pressure component dispensing machine.

GENYK B-1022 / A-2732 meets the requirements of the US Coast Guard Specification "Code of US Regulation" Navigation and Navigable Waters Article # 183-114.

COMPONENT PROPERTIES		
Properties	ISOCYANATE A-2732	RESIN B-1022
Appearance	Brown liquid	Amber liquid
Viscosity @ 25°C	150 – 250 cps	400 - 700 cps
Specific Gravity @ 25°C	1.24	1.10 – 1.12
Shelf Life	12 months	6 months
Mixing Ratio (volume)	100	100

REACTIVITY PROFILE	
Cream Time (seconds)	25 - 30
Gel Time (seconds)	155 - 175
Tack Free Time (seconds)	250 - 290
Free Rise Density (lb/ft ³)	1.90 – 2.10

Laboratory results based on hand-mixing at 20°C. Properties shown below are to be used as a guide only and not intended for specification properties.

TYPICAL PHYSICAL PROPERTIES			
Physical Properties	ASTM Method	Value	
Density (in place) *	D 1622	2.5 lb/pi ³	40 kg/m ³
Compressive Strength	D 1621	31.8 psi	219.1 kPa
Water Absorption	D 2842	1.15%	
Thermal Resistance	C 518	R 6.8 ft ² .hr. [°] F/BTU	Initial
		R 6.2 ft ² .hr. [°] F/BTU	60 days
Dimensional Stability	D2126 (7days, -25°C, ambient H.R)	0.33 %	
	D2126 (7days, +80°C, ambient H.R)	2.65 %	

* Genyk recommends a core in-place density not less than 2.5 lb/ft³. This will optimize the physical properties.

PACKAGING

Resin B-1022

Genyk Inc.-1701, 3rd Avenue, Shawinigan (QC), G9T2W6
Phone :819-729-0395, info@genyk.com, www.genyk.com

Genyk A-2732 is supplied in 227 kg drums and 1,250 kg totes. Genyk B-1022 is supplied in 225 kg drums and 1,125kg totes.

STORAGE CONDITIONS AND HANDLING

All materials should be stored in their original containers and away from heat and moisture, especially after the seals have been broken and the containers have been opened. Shelf life is 6 months for the resin and 12 months for the isocyanate when stored indoors at a temperature between 60°F (15°C) and 77°F (25°C) for the resin and 60°F (15°C) and 100°F (38°C) for the isocyanate. Storage below 60°F (15°C) may result in compound stratification of the B and/or crystalline formation in the A component. Temperatures above the maximum storage temperatures may decrease the shelf life. Containers should be opened carefully to allow any pressure build-up to be vented safely. Extensive venting of the B component may result in loss of blowing agent, higher-density foam and reduced yield. Temperatures below 60°F (15°C) will increase the viscosity of the components making them difficult to pump. Both components are adversely affected by water and humidity.

HEALTH AND PERSONAL PROTECTION

Before handling these chemicals, please consult the Material Safety Data Sheets for the two components. Material Safety Data sheets on product components are available from Genyk Inc.

Genyk Inc believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Genyk Inc, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficiency and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

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