



Product Bulletin

Product Description

JFOAM™ BX-1600

JFoam™ BX-1600 is a two-component water-blown polyurethane foam system which can be used for structural core and specialized void fill applications.

Typical Chemical Properties

	T Component Polymeric MDI	R Component Polyol Blend
Viscosity at 77°F (25°C), cps	200	2,500
Mixing Ratio (% by weight)		
R Component Water Blown Polyol	50	
T Component Polymeric MDI	50	

Typical Physical Properties

Hand Mix Reactivity at 77°F (25°C)	
Cream Time, seconds	55
Top of Cut Time, seconds	125
String Time, seconds	135
Tack Free Time, seconds	145
Cup Density, P4325 cup, pcf	16.0
Density, ASTM D-1622	
Molded, overall, pcf	30.0
Compressive Strength, 10% deflection, ASTM D-1621	
Parallel, psi	1,500
Screw Holding Capability, ASTM D-1761, lb	580
IZOD Impact, ASTM D-256 Method A, ft lb/in	1.82
Shore D Hardness at 24 hours	55
Heat Distortion Resistance, 3 days at 200°F	excellent

Storage

Avoid moisture contamination during storage, handling, and processing. Store the polyol and isocyanate components from 65°F to 85°F. Do not expose isocyanate component to lower temperatures as freezing may occur.

Shelf Life

The shelf life is 12 months if stored in original unopened containers.

Health and Safety Information

Safety Data Sheets are available which provide information concerning the health and safety precautions that must be observed when handling this product. Before working with this product, you must read and become familiar with the available information on the risks involved, proper use, and handling.

All polyurethane foam burns in varying degrees, which in turn liberates toxic gases; the foam should be evaluated in its final form for compliance to existing standards in your industry. Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

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