



Product Bulletin

JFOAM™ BX-1100

Product Description

JFoam™ BX-1100-R is the R component of a two component polyurethane system, which when combined with the A component, produces a foam which will give improved moisture resistance, low reject rate under humid conditions, high impact strength, fast mold wet-out, better flow, and fast mold cycle times.

Typical Chemical Properties

	BX-1100-T T Component <u>Polymeric MDI</u>	BX-1100-R R Component <u>Polyol Blend</u>
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), (T & R)	
Cream Time, seconds	50
Top of Cup Time, seconds.....	110
String Time, seconds.....	125
Tack Free Time, seconds	150
Cup Density, #2 cup.....	11.0
Density, ASTM D-1622,	
Molded, overall, pcf	20.0
Compressive Strength, 10% deflection, ASTM D-1621	
Parallel, psi.....	800
Screw Holding Capability, ASTM D-1761, lb.	240
Izod impact, ASTM D-256 Method A, ft lb/in	1.10
Shore D Hardness @ 24 hours	38
Heat Distortion Resistance 3 days @ 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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