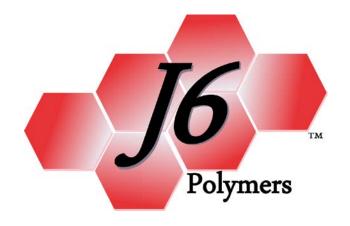
## J6 Polymers LLC

### **Product Bulletin**



#### JFOAM™ FA-200

### Product Description

#### Typical Chemical Properties

#### Typical Physical Properties

JFoam<sup>™</sup> FA-200-R is the R component of a two-component polyurethane system, which when combined with the T component will produce an HFC-245fa/water co-blown rigid polyurethane foam that can be used for low-density insulation applications. This foam system meets Military Specification P-21929.

Viscosity at 77°F (25°C), cps	T Component Polymeric MDI 200		R Component Polyol Blend 920
Specific Gravity at 77°F (25°C), g/mL	1.24		1.13
Mixing Ratio (% by weight)			
R Component Water/245fa Blown Polyol		48	
T Component Polymeric MDI		52	

Hand Mix Reactivity, R Component at 77°F (25°C) / T Component at 70°F (21°C)	
Cream Time, seconds25	5
String Time, seconds85	5
Cup density, #10 cup, pcf2.00	)
Density, ASTM D-1622	
Molded, overall, pcf	5
Core, pcf2.49	9
Compressive Strength, 10% deflection, ASTM D-1621	
Parallel, psi45.1	1
Perpendicular, psi47.7	7
Initial K-Factor, ASTM C-518, BTU in/hr ft <sup>2</sup> °F	2
Shear Strength, ASTM C-273, psi	
Tensile Strength, ASTM D-1623, psi	7
Water Absorption, ASTM D-2842	
lb/in <sup>2</sup> 0.01	
% by volume0.61	1
Tumbling Friability, ASTM C-421, % loss	3
Closed Cell Content, ASTM D-2856, %	
Compression Set, Mil-P-21929C, % loss2.45	
Oil Resistance, ASTM D-471, Mil-P-21929C	S

Dimensional Stability, ASTM D-2126, % volume change

			At 158°F (70°C)/
	At -20°F (-29°C)	At 158°F (70°C)	100%R.H.
1 day	-0.19	-0.02	-0.33
7 days	-0.18	-0.08	-1.95
14 days	-0.28	-0.17	-2.95
28 days	-0.32	-0.10	-3.84

#### **Storage**

Avoid moisture contamination during storage, handling, and processing. Store the isocyanate component from 65°F to 85°F. Do not expose isocyanate component to lower temperatures as freezing may occur. Store the polyol component at temperatures not exceeding 60°F.

#### **Shelf Life**

The shelf life is 6 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 handing.

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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