Fiberlay
MATERIAL SOLUTIONS SINCE 1953
"REINFORCING YOUR DREAMS"

PRODUCT DATA

FIBERFOAM

Polyurethane Foam System

Part No: 401P, 401Q, 401G, 401F, 401D

Description:
The Fiberfoam systems are water blown rigid polyurethane foams designed for molding and void filling applications. The product can be designed to meet a variety of reactivity requirements without sacrificing product quality. The unique handling characteristics of the Fiberfoam series systems provide ease of mixing by hand and produce uniform product with excellent cell structure. This product does not contain any CFC blowing agent or other Ozone depleting chemicals.

Applications:
The Fiberfoam systems have been formulated for use in the manufacturing of molded parts, structural floats, void filling and various high temperature applications.

Physical Properties:

Property	Test Method	Result	
		Comp A	Comp B
Viscosity, CPS @ 74ºF:	ASTM D-1638	150-200	700-1000
Liquid Density lbs/gal.:		10.24	8.69
SP.GR ™ 74ºF:	ASTM D-1638	1.23	1.04
Reactivity Profile			
Tested @ 74ºF:	30-35		
Rise Time, Sec's:	150-170		
Demold Time, Mins.:	5-15		
Ratio, Parts by Weight:		Comp. A - 55	Comp B – 45

Physical Properties	ASTM Method	Typical Values
Density lbs/ft.^{3}:	D-1692	2.8
Compressive Strength PSI:	D-1621	
Parallel:		45
Perpendicular:		35
Tensile Strength PSI:	D-1623	110
Shear Strength PSI:	C-273	60

Storage:
Component A (Isocyanate)
The Isocyanate must be stored in tightly sealed containers and protected from moisture. The material should be stored at temperatures above 65ºF.

Component B (Polyol)
The Polyol is hygroscopic (moisture absorbent). Keep containers sealed to prevent moisture absorption. Store material at temperatures above 65ºF.

Safety Information: Material Safety Data Sheets are sent with each shipment of Fiberlay Products. These data sheets should be read and understood by all personnel who will come in contact with the product before containers are opened. If the safety data sheets are lost or you require additional data sheets, please contact Fiberlay at 1-800-942-0660. Read carefully.

IMPORTANT - The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.

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