



Technical Data Sheet

6/2/2006

Product: **FRAS9**

<u>Physical Property</u>	<u>Value</u>	<u>Test Method</u>
Color	Green	
Density (lbs / ft ³)	9.0 - 9.8	ASTM D 3575-93
Compressive Strength – @25% Vertical Direction (psi) @50%	56 85	ASTM D 3575-93 Suffix D
Compression Set (%)	<9	ASTM D 3575-93 Suffix B
Compression Creep (%)	<5% @ 10.0 psi	ASTM D 3575-93 Suffix BB
Tensile Strength (psi)	173	ASTM D 3575-93 Suffix T
Tear Resistance (lbs/inch)	58	ASTM D 3575-93 Suffix G
Cell Size (mm)	.8	ASTM D-3576 Modified
Water Absorption (lbs / ft ²)	<0.1	ASTM D 3575-93 Suffix L
Thermal Stability	<5%	ASTM D 3575-93 Suffix S
Thermal Conductivity k-Value	.40 - .48	ASTM C518-91
Thermal Resistance R-Value	2.09 – 2.48	ASTM C518-91
Electrostatic Decay (seconds)	<2	EIA 541
Surface Resistance (Ohms)	1.0 x 10 ⁹ - 1.0 x 10 ¹¹	ESD-S11.11-1993

Meets the flame-retardant requirements of:
MVSS302, UL94 HBF, ASTM E84, ATSM E162, ASTM E662 & FAA FAR 25/853(b)

This information is based on actual testing in a controlled environment. However, as conditions of use are not within our control, Amcon does not guarantee from use of such products or other information herein; no warranty expressed or implied is given. It is the user's responsibility to determine the appropriateness of the products for their specific end uses.

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