



Typical Properties Sheet

1/21/2015

Product: **FRAS2**

<u>Physical Property</u>	<u>Value</u>	<u>Test Method</u>
Color	Blue/Green	
Density (lbs / ft ³)	2.2 - 2.3	ASTM D 3575-93
Compressive Strength – @25% Vertical Direction (psi) @50%	10 18	ASTM D 3575-93 Suffix D
Compression Set (%)	<20	ASTM D 3575-93 Suffix B
Compression Creep (%)	<10% @ 2.5 psi	ASTM D 3575-93 Suffix BB
Tensile Strength (psi)	31	ASTM D 3575-93 Suffix T
Tear Resistance (lbs/inch)	10	ASTM D 3575-93 Suffix G
Cell Size (mm)	1.5	ASTM D-3576 Modified
Water Absorption (lbs / ft ²)	<0.3	ASTM D 3575-93 Suffix L
Thermal Stability	<5%	ASTM D 3575-93 Suffix S
Thermal Conductivity k-Value	0.43	ASTM C518-91
Thermal Resistance R-Value	2.3	ASTM C518-91
Electrostatic Decay (seconds)	<2	EIA 541
Surface Resistance (Ohms)	1.0 x 10 ⁹ - 1.0 x 10 ¹³	ESD-S11.11-1993

Meets the flame-retardant requirements of:
CID A-A-59136 Class - 1, Grade D, Type I. and FAR 25/853(a)

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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