



# Technical Data Sheet

6/2/2006

Product: **POLYFLX24BK**

<u>Physical Property</u>	<u>Value</u>	<u>Test Method</u>
Color	Black	
Density (lbs / ft3)	2.4	ASTM D 3575
Compressive Strength – @25% Vertical Direction (psi) @50%	16 27	ASTM D 3575-93 Suffix D
Compression Set @ 25% / 50% (%)	4 / 12	ASTM D 3575-93 Suffix B
Compression Creep (%)	3.3% @ 1.0 psi	ASTM D 3575-93 Suffix BB
Tensile Strength (psi)	58	ASTM D 3575-93 Suffix T
Tear Resistance (lbs/inch)	18	ASTM D 3575-93 Suffix G
Buoyancy (pcf)	59.1	ASTM D 3575
Water Absorption (%)	~1.0	ASTM D 3575
Tensile Elongation (%)	25	ASTM D 3575-93 Suffix S
Thermal Conductivity k-Value	0.24	ASTM C177
Thermal Resistance R-Value	4.2	ASTM C177
Flammability	pass	FMVSS302

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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