

1.5# Black Beaded EPE

Typical Physical Properties:

Physical Property	Test Method	Typical Results
Density	ASTM D3575	1.5 lbs/ft ³ ± 0.25
Compression Strength @ 25% @ 50% @ 75%	ASTM D3575	11 psi 19 psi 49 psi
Tensile Strength	ASTM D3575	45 psi
Tensile Elongation	ASTM D3575	30%
Tear Strength	ASTM D3575	16 lbs/in
Compression Set @ 25% @ 50%	ASTM D3575	4% 13%
Buoyancy	ASTM D3575	59.5 lbs/ft ³
Thermal Conductivity	ASTM C177	0.24 BTU-in /ft ² -hr-°F
Thermal Resistance	ASTM C177	4.2 (R) @ 70°F
Service Temperature	ASTM D3575	160°F
Water Absorption	ASTM D3575	~1.0%
Compression Creep	ASTM D3575	3.0 , 1000 hrs @ 1 psi
Flammability	FMVSS 302	Pass
Chemical Resistance	Various 1 hour exposure	Pass
Fuel Immersion	Coast Guard (CGD-770145) Fuel B	Pass

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