

Specifications

- Available in White or Black
- Closed cell foam for gasketing, sealing, cushioning, and more
- Non-Toxic Material
- Excellent shock absorption and thermal insulating properties
- Water repellent
- Resistant to weathering and chemicals
- White PE is FDA approved for incidental food contact

Physical Properties

Physical Property	Test Method	Unit	Value
Density	ASTM D3575	PCF	6.0
Tensile Strength	ASTM D3575	PSI	130
Elongation	ASTM D3575	% to Break	200
Tear Resistance	ASTM D3575	LB/IN	35
Compression Strength @ 25% Deflection	ASTM D3575	PSI	35
Compression Set	ASTM D3575	%	11
Thermal Stability	ASTM C177	% of chg @ 158° F for 24 hrs	<0.6
Thermal Conductivity	ASTM C177	Btu/hr/inch ft/°F	0.30
Working Temperature Range		°F	-70 to 175
Water Absorption		Lb/ft/°F	<0.05

PLEASE NOTE THAT ALL DATA SHEETS ARE SUPPLIED BY LAMATEK, INC. WITH THE UNDERSTANDING THAT THE PURCHASER MUST DETERMINE THE SUITABILITY OF A PARTICULAR PRODUCT FOR ITS INTENDED PURPOSE. UNLESS OTHERWISE STATED, LAMATEK, INC. CANNOT WARRANT PRODUCTS IN THEIR APPLICATION.

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Physical Properties

Physical Property	Test Method	Unit	Value
Density	ASTM D3575	PCF	4.0
Tensile Strength	ASTM D3575	PSI	70
Elongation	ASTM D3575	% to Break	180
Tear Resistance	ASTM D3575	LB/IN	18
Compression Strength @ 25% Deflection	ASTM D3575	PSI	13
Compression Set	ASTM D3575	%	16
Thermal Stability	ASTM C177	% of chg @ 158° F for 24 hrs	<0.6
Thermal Conductivity	ASTM C177	Btu/hr/inch ft/°F	0.29
Working Temperature Range		°F	-70 to 175
Water Absorption		Lb/ft/°F	<0.05

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Specifications

- 2# Cross Linked Polyethylene foam is a very fine celled, smooth skinned closed cell foam
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Physical Properties

Physical Property	Test Method	Unit	Value
Density	ASTM D3575	PCF	2.0
Tensile Strength	ASTM D3575	PSI	44
Elongation	ASTM D3575	% to Break	150
Tear Resistance	ASTM D3575	LB/IN	13
Compression Strength @ 25% Deflection	ASTM D3575	PSI	7
Compression Set	ASTM D3575	%	22
Thermal Stability	ASTM C177	% of chg @ 158° F for 24 hrs	<0.6
Thermal Conductivity	ASTM C177	Btu/hr/inch ft/°F	0.27
Working Temperature Range		°F	-70 to 175
Water Absorption		Lb/ft/°F	<0.06

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