

# 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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