



# Technical Data Sheet

Low Density  
Non-CrossLinked Polyethylene Foam

## Specifications

1.7# Non-Cross Linked Polyethylene Foam is a durable, lightweight, closed cell material.

It is commonly used for packaging fragile goods due to its excellent vibration dampening and insulation properties.

Non-Cross Linked PE is impervious to mildew, mold and bacteria.

## Physical Properties

Physical Property	Test Method	Unit	Value
Density	ASTM D3575-91	PCF	1.75
Cell Count	ASTM D3576	PPI	17
Compression Force Deflection @ 25%	ASTM D3575-91	%	7.5
Compression Set	ASTM D3575-91	%	16.5
Tear Strength	ASTM D3575-91	PLI	11
Tensile Strength	ASTM D3575-91	PSI	35
Thermal Conductivity	ASTM D518-91	K	.385
Thermal Resistance	ASTSM C518-91	R	2.66
Thermal Stability	AST D3575-91	% (max)	5
Water Absorption	ASTM D3575-91	% (max)	.1
Contact Corrosivity	Method 3005: Federal Standard 101		None

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