

## Dow STRANDFOAM™ EA 1600 Polypropylene Foam

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Foamed

**Material Notes:**

STRANDFOAM™ EA 1600 Energy Absorbing polypropylene foam is a strong, low-density, closed-cell foam. It is suited as a component material in products requiring a shock and energy absorbing or vibration dampening component in packaging, material transport, and automotive applications. Information provided by Dow

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-STRANDFOAM-EA-1600-Polypropylene-Foam.php](http://www.lookpolymers.com/polymer_Dow-STRANDFOAM-EA-1600-Polypropylene-Foam.php)

Physical Properties	Metric	English	Comments
Density	0.0640 g/cc	0.00231 lb/in <sup>3</sup>	DIN 53420

Mechanical Properties	Metric	English	Comments
Compressive Strength	0.290 MPa	42.0 psi	at 25%, Horizontal; ASTM D3575, Suffix D
	0.331 MPa	48.0 psi	at 25%, Vertical; ASTM D3575, Suffix D
	0.669 MPa	97.0 psi	at 25%, Extruded; ASTM D3575, Suffix D
Compressive Modulus	0.01362 GPa	1.975 ksi	Vertical; ASTM D3575, Suffix D
	0.02237 GPa	3.245 ksi	Horizontal; ASTM D3575, Suffix D
	0.02839 GPa	4.117 ksi	Extruded; ASTM D3575, Suffix D
Heat Distortion	<= 1.0 %	<= 1.0 %	linear change at 180°F; ASTM D3575, Suffix S

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0390 W/m-K	0.270 BTU-in/hr-ft <sup>2</sup> -°F	ASTM D3575, Suffix V

## Contact Songhan Plastic Technology Co.,Ltd.

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