

## Material Properties

Properties	Test Method	Unit	Typical Value
Izod Impact	D 256	ft-lbs/in	12.0
Tensile Strength	D 638	psi	8,700
Tensile Modulus	D 638	psi	310,000
Flexural Strength	D 790	psi	13,500
Flexural Modulus	D 790	psi	350,000
Rockwell Hardness	D 785	R	112
Specific Gravity	D 792		1.20
HDTUL Unannealed (264 psi)	D 648	°F	265°
Mold Shrinkage	D 955	in/in	0.005-0.007
Melt Flow Index (300°C/1.2kg)	D 1238	g/10min	20.0
Flammability	UL-94 <sup>2</sup>	(1.5mm)	V-2
	UL-94 <sup>2</sup>	(3.0mm)	V-2
Weatherability	UL-746 <sup>2,3</sup>		f2

<sup>1</sup> Typical values are an average of NATURAL color samples tested and based on common ASTM procedures. This data is presented as a guide and does not reflect product specifications for particular properties.

<sup>2</sup> UL recognized file (File #E123498)

<sup>3</sup> Subjected to one or more to the following tests: Ultraviolet Light, Water Exposure or Immersion, where the acceptability for outdoor use is to be determined by UL.

**PC**



**OSTERMAN**  
ENGINEERED POLYMERS

**Engineered Polymers Industries**  
A Division of Osterman & Company, Inc.  
726 S. Main Street  
Cheshire, CT 06410  
T (203) 272.2233  
Customer Service (800) 914.4437  
www.osterman-co.com  
Email: Info@osterman-co.com

Before using a product sold by Osterman, users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally. SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY WARRANTY) OTHER THAN AS SEPARATELY AGREED TO BY THE PARTIES IN A CONTRACT.

This product(s) may not be used in: (i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I medical devices, without prior notification to Seller for each specific product and application; or (ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: U.S. FDA Class II Medical Devices; Health Canada Class II or Class III Medical Devices; European Union Class II Medical Devices; film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices; packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; and tobacco related products and applications. Additionally, the product(s) may not be used in: (i) U.S. FDA Class III Medical Devices; Health Canada Class IV Medical Devices; European Class III Medical Devices; (ii) applications involving permanent implantation into the body; (iii) life-sustaining medical applications; and (iv) lead, asbestos or MTBE related applications. All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.