

TPP9520



Description: High Density Polyethylene Hexene Copolymer
Features: Good flow, good impact strength, good stiffness, recyclable
Applications: Pails (1-2 gallon), automotive applications, toys, tamper evident caps for milk bottles, small containers for building compounds, housewares, foamed parts
Regulatory: FDA-21 CFR 177.1520 (c)

Typical Properties	Values*	ASTM Test Method
Melt Index	20.0 g/10 min	D1238
Density	0.952 g/cm ³	D1505
Tensile		D638
Strength at Yield	3900 psi	
Elongation at Break	300%	
Flexural Modulus	175000 psi	D790
ESCR	<10 h	D1693
Durometer Hardness	63	D2240
Vicat Softening Temperature	252°F	D1525
Brittleness Temperature	<-103°F	D746

* The nominal values contained herein are a representation of the typical properties of the product and are not intended to be used as specification. These values do not reflect normal testing variances.

The information contained herein is based on reliable testing methods and is believed to be accurate. However, Thornton and Company, Inc. does not create and expressly disclaims all warranties, express or implied, including warranties of merchantability or fitness for a particular purpose. It is the exclusive responsibility of the user to make its own assessment and determination of the safety and suitability of the product for their specific intended use(s).

453 North Main Street, Suite 316
Southington, CT 06489
Telephone: (860) 628-6771