

TPP7920



Description: Linear Low Density Polyethylene Butene Copolymer
Features: Excellent low temperature toughness, excellent ESCR, excellent gloss
Applications: Injection molding: housewares, trash cans, automotive parts, lids and large industrial containers
Regulatory: FDA-21 CFR 177.1520 (c)

Typical Properties	Values*	ASTM Test Method
Melt Index, Condition E, 190°C/2.16 kg	20 g/10 min	D1238
Density	0.924 g/cm ³	D1505
Tensile		D638
Strength at Yield	12 MPa	
Elongation at Break	450%	
(ESCR) Condition A, F ₅₀ (100% Igepal) slitted specimen	24 h	D1693A
Secant Modulus @ 1% elongation	315 MPa	D638
Durometer Hardness	55	D2240
Vicat Softening Temperature	201°F	D1525
Brittleness Temperature	<-103°F	D746
Notched Izod Impact	540 J/m	D256

* 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).

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