

# TPP96007



**Description:** High Density Polyethylene Homopolymer  
**Features:** Excellent stiffness and good stiffness properties  
**Applications:** Blow molding: water, dairy and juice containers  
**Regulatory:** FDA-21 CFR 177.1520 (c)

Typical Properties	Values*	ASTM Test Method
Melt Index, Condition E, 190°C/2.16 kg	0.7 g/10 min	D1238
Density	0.964 g/cm <sup>3</sup>	D1505
Environmental Stress Crack Resistance (ESCR)		D1693
Condition A, F <sub>50</sub> (100% Igepal)	15-20 h	
Condition B, F <sub>50</sub>	10 h	
Tensile Yield Strength	4400 psi	D638
Ultimate Elongation	>300%	D638
Brittleness Temperature	<-180°F	D746
Flexural Modulus	240000 psi	D790

\* 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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