

<u>Resin Properties</u> <sup>(1)</sup>	<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow Index, g/10 min 190°C/2.16 kg	0.55	D-1238
190°C/5 kg	1.9	
Density, g/cm <sup>3</sup>	0.946	D-792
Melting Point, °F	257	D-3417
<b><u>Mechanical Properties</u></b> <sup>(1)(2)</sup>		
Tensile Strength at Yield, psi	3,200	D-638, Type IV specimen, 2 in/min
Elongation at Break, %	>500	D-638, Type IV specimen, 2 in/min
Secant Modulus of Elasticity @ 2% strain, psi	100,000	D-638, Type IV specimen, 2 in/min
Flexural Modulus, psi	115,000	D-790

**Polyethylene:**

Specialty HDPE  
Extrusion Resin

**Characteristics**

- Medium molecular weight
- Narrow molecular weight distribution
- Designed for high speed orientation
- USP CLASS VI compliant

**Applications**

- Monofilament
- Slit tape
- Woven and knitted fabrics
- Specialty films

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

(2) The data listed was determined on compression molded specimens and may, therefore, deviate from molded and extruded specimens.

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