

<u>Resin Properties</u> ⁽¹⁾	<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow Index, g/10 min 190°C/2.16 kg	0.45	D 1238
Density, g/cm ³	0.958	D 792

Mechanical Properties⁽¹⁾⁽²⁾

Tensile Strength at Yield, psi	4,400	D 638, Type IV specimen, 2 in/min
Elongation at Break, %	600	D-638, Type IV specimen, 2 in/min
Flexural Modulus, psi	210,000	D 790
ESCR ⁽³⁾ , hrs		D 1693, Cond B
100% Igepal	>800	
10% Igepal	>300	

Processing Recommendation

Blow Molding Stock Temperature	360 – 400°F
Extrusion Melt Temperature	380 – 420°F

Polyethylene:

Bimodal HDPE Blow Molding Resin

Characteristics

- Excellent stress cracking resistance
- Excellent stiffness

Applications

- Household chemicals
- Industrial chemicals
- Industrial parts
- Food packaging
- Personal care packages

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- (1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.
 (2) The data listed were determined on compression-molded specimens and may, therefore, vary from specimens taken from molded articles.
 (3) Environmental Stress Crack Resistance (ESCR)



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