## TOTAL PETROCHEMICALS







Resin Properties <sup>(1)</sup> Melt Flow Index, g/10 min 190°C/2.16 kg Density, g/cm <sup>3</sup>	<b>Typical</b> <u>Value</u> 0.45 0.958	ASTM Method D 1238 D 792
Mechanical Properties <sup>(1)(2)</sup> Tensile Strength at Yield, psi Elongation at Break, % Flexural Modulus, psi	4,400 600 210,000	D 638, Type IV specimen, 2 in/min D-638, Type IV specimen, 2 in/min D 790
ESCR <sup>(3)</sup> , hrs 100% Igepal 10% Igepal	>800 >300	D 1693, Cond B
Processing Recommendation Blow Molding Stock Temperature Extrusion Melt Temperature	360 – 400⁰F 380 – 420ºF	

## 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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Data developed under laboratory conditions and are not to be used as specification, maxima or minima.
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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All tests were run under laboratory conditions. ASTM (where applicable) testing procedures. The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of these products must be guided by the user's own methods for selection of proper formulation. TOTAL PETROCHEMICALS USA, INC. disclaims any responsibility for misuse or misapplication of its products. TOTAL PETROCHEMICALS USA, INC. MAKES NO WARRANTY OF MERCHANTABILITY AND THERE IS NO WARRANTY THAT GOODS SUPPLIED SHALL BE FIT FOR ANY PARTICULAR PURPOSE. TOTAL PETROCHEMICALS USA, INC. Idability and customer's exclusive remedy for any claims arising out of sales of its products are expressly limited at customer option to replacement of non-performing goods or payment not to exceed the purchase price plus transportation charges thereon in respect to any material which damage is claimed.