TOTAL PETROCHEMICALS

TOTAL PETROCHEMICALS USA, INC.





<u>Resin Properties</u> ⁽¹⁾ Melt Flow Index, g/10 min 190⁰C/2.16 kg 190⁰C/5 kg	Typical <u>Value</u> 0.55 1.9	ASTM Method D-1238	Pol Spec Extra
Density, g/cm ³	0.946	D-792	<u>Cha</u> •
Melting Point, °F	257	D-3417	•
Mechanical Properties ⁽¹⁾⁽²⁾ 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	<u>Ap</u> •
Secant Modulus of Elasticity @ 2% strain, psi	100,000	D-638, Type IV specimen, 2 in/min	•
Flexural Modulus, psi	115,000	D-790	5

Polyethylene:

Specialty HDPE Extrusion Resin

<u>Characteristics</u>

- Medium molecular weight
- Narrow molecular weight distribution
- Designed for high speed orientation

Applications

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

HDPE 7194 08/2006

(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.



1201 Louisiana Street Suite 1800 Houston, TX 77002

P.O. Box 674411 Houston, TX 77267-4411 Phone: (713) 483-5241 Fax: (713) 483-5252



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. liability 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.