

Impact Strength. TOTAL Polypropylene 6232 offers good impact strength, clarity and gloss.

Chemical Inertness. TOTAL Polypropylene 6232 has been formulated specifically for medical applications requiring low level extractables and low odor.

High Purity. TOTAL Polypropylene 6232 provides optimum thermal stability for superior color and processability.

FDA. TOTAL Polypropylene 6232 complies with all applicable FDA regulations and may be used under these provisions for food contact and packaging.

Recommended Applications. TOTAL Polypropylene 6232 is ideal for extrusion blow molding for medical, food and other containers requiring low extractables.

Processing. TOTAL Polypropylene 6232 resin processes on conventional blow molding equipment with typical melt temperatures of 390-450°F (199-232°C). Call the nearest TOTAL Polypropylene Sales Office for additional information.

<u>Resin Properties⁽¹⁾</u>	<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow, g/10 min.	2	D-1238 Condition "L"
Density, g/cc	0.900	D-1505
Melting Point, °F (°C)	297 (147)	DSC ⁽²⁾
<u>Mechanical Properties⁽¹⁾</u>		
Tensile, psi (M Pa)	3,800 (26.0)	D-638
Elongation, %	14.0	D-638
Tensile Modulus, psi (M Pa)	140,000 (960)	D-638
Flexural Modulus, psi (M Pa)	150,000 (1,000)	D-790
Izod Impact @ 73°F		D-256A
Notched Izod ft.-lb./in. (J/m)	1.2 (64)	
Mold Shrinkage, in./in.	0.010-0.025	D-955
<u>Barrier Properties⁽¹⁾</u>		
Moisture Vapor Transmission	0.6	E-96
@ 100°F(38°C), 90% R.H.		
gms/mil/100 in. ² /24 hrs.		
Oxygen Transmission, @ 73°F	240	D-1434
(23°C) cc/100 in ² mil/24 hrs./		
atm.		

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

(2) MP determined with a DSC-2 Differential Scanning Calorimeter. Test procedure available upon request.

6232 10/05

Corporate Office USA
P.O. Box 674411
Houston, TX 77267-4411
800.344.3462
www.totalpetrochemicalsusa.com

Technical Center
P.O. Box 1200
Deer Park, TX 77536
281.884.7500

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 TOTAL products must be guided by the users own methods for selection of proper formulation. TOTAL PETROCHEMICALS USA, INC. disclaims any responsibility for misuse or miss application of its products. TOTAL MAKES NO WARRANTY OF MERCHANTABILITY AND THERE IS NO WARRANTY THAT GOODS SUPPLIED SHALL BE FIT FOR ANY PARTICULAR PURPOSE. TOTAL'S 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.