

**M3766** is a isotactic form of propylene Polymer made via TOTAL PETROCHEMICALS proprietary technology in our polypropylene plant in La Porte, Texas.

**Recommended Applications.** M3766 is recommended for melt spun and spunbond fiber applications. However, due to its unique and interesting properties, other applications may exist.

**Processing.** M3766 is a narrower molecular weight distribution product than conventional polypropylene. Call the nearest TOTAL Sales Office for additional information.

<u>Resin Properties</u> <sup>(1)</sup>	<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow, g/10 min.	23	D-1238
Density, g/cc	0.90	D-1505
Melt Point, °C	151	DSC <sup>(2)</sup>
Xylene Solubles	0.7-1.2	
<u>Physical Properties</u> <sup>(1)(3)</sup>		
Tenacity, g/denier	2.5	D-3218
Elongation, %	185	D-3218

(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.  
 (3) Samples processed at 230°C extrusion temperature with 3:1 draw, 10 dpf.

M3766 10/05

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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 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.