

High Purity. TOTAL Polypropylene 3860X features extremely high purity for processing in micro denier fibers.

FDA. TOTAL Polypropylene 3860X complies with all applicable FDA regulations for food contact applications.

Recommended Applications. TOTAL Polypropylene 3860X is recommended for nonwoven fiber applications.

Processing. TOTAL Polypropylene 3860X resin processes on conventional extrusion equipment with typical melt temperatures of 450-550°F (232-288°C). Call the nearest TOTAL Polypropylene Sales Office for additional information.

<u>Resin Properties</u> ⁽¹⁾	<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow, g/10 min.	100	D-1238 Condition L
Density, g/cc	0.905	D-1505
Melting Point, °F (°C)	330 (165)	DSC ⁽²⁾
<u>Mechanical Properties</u> ⁽¹⁾		
Tensile Modulus, psi (M Pa)	240,000 (1,655)	D-638
Flexural Modulus, psi (M Pa)	229,000 (1,517)	D-790

(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.

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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 misapplication 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.