Homopolymer - High Flow Reactor Grade for Nonwoven Fibers

3860X

POLYPROPYLENE

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.

Resin Properties[1]	Typical Value	ASTM Method
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]

Mechanical Properties[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.

3860 10/05

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