Metallocene Isotactic Propylene Polymer

M3865

POLYPROPYLENE

M3865 is a isotactic form of propylene Polymer made via ATOFINA proprietary technology in our polypropylene plant in La Porte, Texas.

Recommended Applications. M3865 is recommended for melt spun and spunbond fiber applications. However, due to its unique and interesting properties, other applications may exist.

Processing. M3865 is a narrower molecular weight distribution product than conventional polypropylene. Call the nearest TOTAL Sales Office for additional information.

Resin Properties[1]	Typical Value	ASTM Method
Melt Flow, g/10 min.	31	D-1238
Density, g/cc	0.90	D-1505
Melt Point, ^{o}C	151	DSC[2]
Xylene Solubles	0.71-1.18	

Physical Properties[1] [3]	Typical Value	ASTM Method
Tenacity, g/denier	2.9	D-3218
Elongation, %	203	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 4.5:1 draw, 10 dpf.

M3865 10/05

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TOTAL PETROCHEMICALS

TOTAL PETROCHEMICALS USA, INC.

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