

Description

Polypropylene Lumicene® M3766 is an isotactic form of homopolymer polypropylene made via TOTAL proprietary metallocene catalyst technology.

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

Processing: Lumicene® M3766 is a narrower molecular weight distribution product than conventional polypropylene. Call the nearest TOTAL Petrochemicals & Refining USA Sales Office for additional information.

Characteristics

	Method	Unit	Typical Value
Rheological Properties			
Melt Flow	D-1238	g/10 min	24
Mechanical Properties			
Tenacity	D-3218	g/denier	2.5
Elongation	D-3218	%	185
Thermal Properties⁽¹⁾			
Melting Point	DSC ⁽²⁾	°F (°C)	304 (151)
Other Physical Properties			
Density	D-1505	g/cc	0.9

(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.