

TOTAL Polypropylene Lumicene® M 3766

Polypropylene Homopolymer

TOTAL Refining & Chemicals

Message:

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.

General Information			
Features	Narrow Molecular Weight Distribution		
Uses	Fibers		
	Spun Bonding		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	23	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Elongation ¹	190	%	ASTM D3218
Tenacity of Fibers ²	2.50	g/denier	ASTM D3218
Xylene Solubles	0.700 to 1.20		
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	151	°C	DSC
NOTE			

1.	Sample processed at 230°C extrusion temperature with 3:1 draw, 10 dpf
2.	Sample processed at 230°C extrusion temperature with 3:1 draw, 10 dpf

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Recommended distributors for this material

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