

# TOTAL Polypropylene PPH 3962

Polypropylene Homopolymer

TOTAL Refining & Chemicals

## Message:

Total Petrochemicals Polypropylene 3962 features extremely high purity for processing into melt blown micro-fibers. 3962 produces fine denier melt blown micro-fiber with low process temperatures and die pressures. 3962 exhibits less polymer degradation during processing and improved properties (higher tensile strength, better transport properties, and enhanced basis weight uniformity) in the non-woven web. 3962 is recommended for melt blown fiber applications or other applications where low viscosity processing is desired.

General Information			
Features	Good Processability		
	High Flow		
	High Purity		
	Low Smoke Emission		
	Low to No Odor		
	Low Viscosity		
Uses	Fibers		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1300	g/10 min	ASTM D1238
Thermal	Nominal Value	Unit	Test Method
Melting Temperature <sup>1</sup>	166	°C	DSC
Injection	Nominal Value	Unit	
Processing (Melt) Temp	260 to 315	°C	
NOTE			

1.

MP determined with a DSC-2 Differential Scanning Calorimeter.

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### Recommended distributors for this material

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