



TotalEnergies

Refining & Chemicals
Polymers

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Polypropylene Lumicene® MH35YN9

Technical data sheet
Polypropylene – Metallocene Homopolymer
Produced in Europe

Description

Polypropylene Lumicene® MH35YN9 is a metallocene polypropylene with a Melt Flow Index of 36 g/10 min and with an anti gas-fading formulation.

Polypropylene Lumicene® MH35YN9 is designed for the spunbond process and intended for hygiene nonwovens applications. It combines the usual advantages of metallocene catalysis with a higher fluidity, which makes it particularly suitable for the production of spunlaid nonwovens having an improved balance between processability and nonwoven properties (such as fine titer, good web coverage, and/or mechanical properties).

Characteristics

	Method	Unit	Typical Value
Rheological properties			
Melt Flow Index 230°C/2.16 kg	ISO 1133	g/10 min	36
Mechanical properties			
Flexural modulus	ISO 178	MPa	1400
Thermal properties			
Melting Point	ISO 3146	°C	151
Other physical properties			
Density	ISO 1183	g/cm ³	0.905
Bulk Density	ISO 1183	g/cm ³	0.525

Polypropylene