

TECHNICAL DATA SHEET

F135

F135 is a Controlled Rheology **Polypropylene Homopolymer** produced by **Spheripol II Technology**

F135 combines exceptional processability with high melt flow, narrow molecular weight distribution & gas fading resistance

F135 is recommended for spunbond - nonwoven & other extrusion process and is suitable for hygiene products

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg & 230 °C)	ASTM D1238	g/10 min	35
Density at 23 °C	ASTM D1505	g/cm ³	0.90
Tensile Strength at Yield	ASTM D638	MPa	35
Tensile Elongation at Yield		%	8
Flexural Modulus	ASTM D790	MPa	1450
Izod Impact Strength (Notch, 23 °C)	ASTM D256	J/m	45
Vicat Softening Point (10N)	ASTM D1525	°C	150
Heat Deflection Temperature (0.46 N/m ²)	ASTM D648	°C	105

Suggested Processing Temperature

Barrel Temperature	°C	180 – 220
Die Temperature	°C	215 – 220

* Halene P is the registered trademark of Polypropylene of HPL

Mechanical properties tested on Injection Molded Test Specimens

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