

## TECHNICAL DATA SHEET

**F135**

**Polypropylene Homopolymer**

### Characteristics

**F135** is a **Polypropylene Homopolymer grade**, produced by **Spheripol II Technology**. This grade is primarily suitable for **spunbond - nonwoven** & other **extrusion process**.

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

**F135** is suitable for hygiene products.

### Application

- **Nonwoven Fabric**
- **Multifilament Yarns**
- **Extrusion Coating**

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg & 230 <sup>0</sup> C)	ASTM D 1238	g/10 min	35
Density at 23 °C	ASTM D 1505	g/cm <sup>3</sup>	0.90
Tensile Strength at Yield (50 mm/min)	ASTM D 638 (Type I - with Extensometer)	MPa	35
Tensile Elongation at Yield (50 mm/min)		%	8
Flexural Modulus	ASTM D 790A	MPa	1450
Notched Izod Impact Strength (23 °C)	ASTM D 256A	J/m	45
Vicat Softening Point (10N)	ASTM D 1525	°C	150
Heat Deflection Temperature (0.455 MPa)	ASTM D 648	°C	105

*Mechanical properties are tested on Injection Molded Test Specimens prepared as per ASTM D 4101*

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