

## TECHNICAL DATA SHEET

F103

**F103** is a **Polypropylene Homopolymer**, produced by **Spheripol Technology**

**F103** is designed for stable extrusion on stenter lines with low water carryover & good thickness control

**F103** has excellent Clarity, Gloss, Mechanical Strengths, Impact & Puncture Resistance

**F103** is recommended for BOPP Films in Food Packaging, Lamination & Metallizable applications

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg & 230°C)	ASTM D1238	g/10 min	3
Density at 23°C	ASTM D1505	g/cm <sup>3</sup>	0.90
Tensile Strength at Yield	ASTM D638	MPa	34
Tensile Elongation at Yield		%	10
Flexural Modulus	ASTM D790	MPa	1450
Izod Impact Strength ( Notch, 23°C)	ASTM D256	J/m	40
Vicat Softening Point (10N)	ASTM D1525	°C	152
Heat Deflection Temperature (0.46 N/m <sup>2</sup> )	ASTM D648	°C	95

### Suggested Processing Temperature

Barrel Temperature	°C	230 – 280
Water Bath Temperature	°C	10 – 15

\* Halene P is the registered trademark of Polypropylene of HPL

Mechanical properties tested on Injection Molded Test Specimens

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