

TECHNICAL DATA SHEET

F110

F110 is a **Polypropylene Homopolymer**, produced by the **Spheripol Technology**

F110 combines exceptional processability, Excellent Clarity and Gloss

F110 contains slip and antiblocking additives for openability and slip properties

F110 is recommended for Tubular Quenched (TQ) Film for packaging foodstuffs and garments

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg & 230 ⁰ C)	ASTM D1238	g/10 min	11
Density at 23°C	ASTM D1505	g/cm ³	0.90
Tensile Strength at Yield	ASTM D638	MPa	34
Tensile Elongation at Yield		%	9
Flexural Modulus	ASTM D790	MPa	1400
Izod Impact Strength (Notch, 23°C)	ASTM D256	J/m	30
Vicat Softening Point (10N)	ASTM D1525	°C	154
Heat Deflection Temperature (0.46 N/m ²)	ASTM D648	°C	99

Suggested Processing Temperature

Barrel Temperature	°C	180 – 230
Die Temperature	°C	190 – 210

* Halene P is the registered trademark of Polypropylene of HPL

Mechanical properties tested on Injection Molded Test Specimens

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