

TECHNICAL DATA SHEET

M110

M110 is a **Polypropylene Homopolymer**, produced by the **Spheripol Technology**

M110 combines exceptional processability with Low Cycle Time, High Gloss & Excellent Color

M110 is recommended for Injection Molded Furniture & Household items

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 – 280
Mold Temperature	°C	30 – 40

* Halene P is the registered trademark of Polypropylene of HPL

Mechanical properties tested on Injection Molded Test Specimens

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