

## TECHNICAL DATA SHEET

**M106**

**M106** is a **Polypropylene Homopolymer** produced by the **Spheripol Technology**

**M106** combines easy processability with high strength

**M106** is recommended for General Purpose Extrusion & Injection Molding

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg & 230 <sup>0</sup> C)	ASTM D1238	g/10 min	6
Density at 23°C	ASTM D1505	g/cm <sup>3</sup>	0.90
Tensile Strength at Yield	ASTM D638	MPa	30
Tensile Elongation at Yield		%	7
Flexural Modulus	ASTM D790	MPa	1300
Izod Impact Strength ( Notch, 23°C)	ASTM D256	J/m	35
Vicat Softening Point (10N)	ASTM D1525	°C	153
Heat Deflection Temperature (0.46 N/m <sup>2</sup> )	ASTM D648	°C	93

### Suggested Processing Temperature

Barrel Temperature	°C	180 – 260
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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