

TECHNICAL DATA SHEET

M311T

M311T is a **Heterophasic Polypropylene Impact Copolymer** produced by the **Spheripol Technology**

M311T combines excellent processability with high flow, low cycle time, good Impact – Stiffness balance with high Toughness and good Gloss

M311T is recommended for Injection Molded Automotive Components, Compounds, Molded Luggage & other Industrial Components

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg & 230 ⁰ C)	ASTM D1238	g/10 min	10
Density at 23°C	ASTM D1505	g/cm ³	0.90
Tensile Strength at Yield	ASTM D638	MPa	21
Tensile Elongation at Yield		%	7
Flexural Modulus	ASTM D790	MPa	900
Izod Impact Strength (Notch, 23°C)	ASTM D256	J/m	500
Vicat Softening Point (10N)	ASTM D1525	°C	142
Heat Deflection Temperature (0.46 N/m ²)	ASTM D648	°C	85

Suggested Processing Temperature

Barrel Temperature	°C	160 – 250
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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