

**Product Texts**

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.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	21	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Flexural Modulus	900	MPa	ASTM D 790
Izod Impact notched, 1/8 in	500	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	85	°C	ASTM D 648
Vicat Temperature	142	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	30 - 40	°C	-
Zone 1	160 - 250	°C	-

**Characteristics****Processing**

Injection Molding

**Features**

High Gloss, Copolymer, Impact Copolymer

**Applications**

Automotive

**Regional Availability**

Asia Pacific