

**Product Texts**

M310 is a Heterophasic Polypropylene Impact Copolymer produced by the Spheripol Technology.

M310 combines excellent processability with high Flow, low Cycle Time, excellent Thermal Stability and good Impact – Stiffness balance.

M310 is recommended for Injection Molded Battery Box and Industrial Items.

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

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>24</b>	MPa	ASTM D 638
Elongation at Yield	<b>6</b>	%	ASTM D 638
Flexural Modulus	<b>1200</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>90</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>95</b>	°C	ASTM D 648
Vicat Temperature	<b>145</b>	°C	ASTM D 1525

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

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

**Characteristics****Processing**

Injection Molding

**Features**

Thermal Stability, Copolymer, Impact Copolymer

**Applications**

Electrical and Electronical

**Regional Availability**

Asia Pacific