

Product Texts

M307 is a Heterophasic Polypropylene Impact Copolymer produced by the Spheripol Technology.

M307 combines excellent processability with low Cycle Time.

M307 is recommended for General Purpose Injection Molding.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	23	MPa	ASTM D 638
Elongation at Yield	6	%	ASTM D 638
Flexural Modulus	950	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	88	°C	ASTM D 648
Vicat Temperature	145	°C	ASTM D 1525

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	30 - 40	°C	-
Zone 1	180 - 260	°C	-

Characteristics**Processing**

Injection Molding

Features

Copolymer, Impact Copolymer

Applications

General Purpose

Regional Availability

Asia Pacific