

Product Texts

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

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	30	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Flexural Modulus	1300	MPa	ASTM D 790
Izod Impact notched, 1/8 in	35	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	93	°C	ASTM D 648
Vicat Temperature	153	°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, Other Extrusion

Features

Homopolymer

Applications

General Purpose

Regional Availability

Asia Pacific