

Product Texts

M365 is a Heterophasic Polypropylene Impact Copolymer produced by the Spheripol Technology.

M365 combines excellent processability with high Flow, low Cycle Time, low Warpage, good Gloss and is adequately nucleated for good Impact - Stiffness balance.

M365 is recommended for Injection Molded Appliance & White Goods Components, Automotive Components, Thin Walled Injection Molding (TWIM), Compounds.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	65	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	24	MPa	ASTM D 638
Elongation at Yield	5	%	ASTM D 638
Flexural Modulus	1200	MPa	ASTM D 790
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	90	°C	ASTM D 648
Vicat Temperature	135	°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	160 - 250	°C	-

Characteristics**Processing**

Injection Molding

Features

High Gloss, Low Warpage, Nucleated, Copolymer, Impact Copolymer

Applications

Automotive

Regional Availability

Asia Pacific