

Product Texts

M304 is a Heterophasic Polypropylene Impact Copolymer produced by the Spheripol Technology.

M304 combines excellent processability with low Cycle Time and excellent Impact - Stiffness balance.

M304 is recommended for use in Injection Molded Furniture, Automotive Components, Paint Pails, Crates.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	25	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Flexural Modulus	950	MPa	ASTM D 790
Izod Impact notched, 1/8 in	150	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	90	°C	ASTM D 648
Vicat Temperature	150	°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

Applications

Automotive

Features

Copolymer, Impact Copolymer

Regional Availability

Asia Pacific