Halene P M304

Polypropylene Impact Copolymer

Haldia Petrochemicals Ltd.

Message:

M304 is a Heterophasic Polypropylene Impact Copolymer (PPiCP), produced by the latest generation Spheripol II Technology. This PPiCP is primarily suitable for Injection Molding process. M 304 combines excellent processability with low Cycle Time, good Impact - Stiffness balance, good Gloss & low Static Charge Build up.

General Information			
Features	Fast Molding Cycle Good Impact Resistance Good Processability Good Stiffness Impact Copolymer Medium Gloss		
Uses	Automotive Applications Crates Furniture Pails		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density [1]	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield, Injection Molded)	24.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	7.0	%	ASTM D638
Flexural Modulus (Injection Molded)	1050	MPa	ASTM D790A
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, Injection Molded)	150	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525 [2]
Injection	**Nominal Value**	**Unit**	
Rear Temperature	180 to 260	°C	
Middle Temperature	180 to 260	°C	

Front Temperature	180 to 260	°C
Nozzle Temperature	180 to 260	°C
Mold Temperature	30.0 to 40.0	°C

NOTE	
1.	23°C
2.	Loading 1 (10 N)

Recommended distributors for this material

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