Halene P M311T

Polypropylene Impact Copolymer

Haldia Petrochemicals Ltd.

Message:

M311T is a Heterophasic Polypropylene Impact Copolymer (PPiCP), produced by the latest generation Spheripol II Technology. This PPiCP is primarily suitable for Injection Molding process.
M331T combines excellent processability with high flow, low cycle time, good impact-stiffness balance with toughness and good gloss.

General Information			
Features	Fast Molding Cycle		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	Good Toughness		
	High Flow		
	Impact Copolymer		
	Medium Gloss		
Uses	Automotive Applications		
	Compounding		
	Industrial Applications		
	Luggage		
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)	10	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield, Injection Molded)	21.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	7.0	%	ASTM D638
Flexural Modulus (Injection Molded)	900	MPa	ASTM D790A
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, Injection Molded)	500	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	85.0	°C	ASTM D648
Vicat Softening Temperature	142	°C	ASTM D1525 [2]
Injection	**Nominal Value**	**Unit**	
Rear Temperature	160 to 250	°C	

Middle Temperature	160 to 250	°C
Front Temperature	160 to 250	°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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