

# Halene P M365

Polypropylene Impact Copolymer

Haldia Petrochemicals Ltd.

## Message:

M365 is a heterophasic Polypropylene Impact Copolymer (PPICP), produced by Spheripol II - process Technology. This PPICP is a reactor grade & contains nucleating agent. This is primarily suitable for Compounding & Injection Molding process.

M365 combines excellent processability with high melt flow, low cycle time, excellent impact - stiffness balance, low warpage and good gloss.

M365 is suitable for food contact applications.

General Information			
Additive	Nucleating agent		
Features	Nucleated		
	Low warpage		
	Highlight		
	Impact resistance, high		
	Compliance of Food Exposure		
Uses	Thin wall parts		
	Electrical appliances		
	Composite		
	Application in Automobile Field		
Processing Method	Composite		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density <sup>1</sup>	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	65	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	24.0	MPa	ASTM D638
Tensile Elongation (Break, Injection Molded)	5.0	%	ASTM D638
Flexural Modulus (Injection Molded)	1200	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	60	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	135	°C	ASTM D1525 <sup>2</sup>
Injection instructions			

Barrel Temperature: 160 - 250 °C

NOTE

- |    |           |
|----|-----------|
| 1. | 23°C      |
| 2. | 压力1 (10N) |

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