

# Halene P M340

Polypropylene Impact Copolymer

Haldia Petrochemicals Ltd.

## Message:

M340 is a Heterophasic Polypropylene Impact Copolymer (PPiCP), produced by the latest generation Spheripol II Technology. This PPiCP is primarily suitable for Injection Molding & Compounding process.

M340 combines excellent processability with high Flow, low Cycle Time, excellent Impact - Stiffness balance, Low Warpage and good Gloss.

## General Information

Features	Fast Molding Cycle Good Impact Resistance Good Processability Good Stiffness High Flow Impact Copolymer Low Warpage Medium Gloss
Uses	Appliance Components Automotive Applications Compounding Containers Food Containers Furniture Household Goods Industrial Applications Thin-walled Containers
Forms	Pellets
Processing Method	Compounding 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)	40	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)	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)	88.0	°C	ASTM D648
Vicat Softening Temperature	140	°C	ASTM D1525 <sup>2</sup>
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)		

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