

# Halene P M325

Polypropylene Impact Copolymer

Haldia Petrochemicals Ltd.

## Message:

M325 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. It is recommended for use in injection molding processes where high flow and medium impact strength are required. It is an ideal material for rigid packaging, automotive components, house wares and appliances parts. M325 combines excellent processability with high Flow, low Cycle Time, good Stiffness-Impact balance and good Gloss.

General Information			
Features	Fast Molding Cycle		
	Good Stiffness		
	High Flow		
	Impact Copolymer		
	Medium Gloss		
	Medium Impact Resistance		
Uses	Appliance Components		
	Automotive Applications		
	Coating Applications		
	Compounding		
	Furniture		
	Household Goods		
	Packaging		
Processing Method	Compounding		
	Extrusion Coating		
	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)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	25.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	7.0	%	ASTM D638
Flexural Modulus (Injection Molded)	1150	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)	84.0	°C	ASTM D648
Vicat Softening Temperature	140	°C	ASTM D1525 <sup>2</sup>
Injection	Nominal Value	Unit	
Rear Temperature	180 to 210	°C	
Middle Temperature	180 to 210	°C	
Front Temperature	180 to 210	°C	
Mold Temperature	30.0 to 40.0	°C	
NOTE			
1.	23°C		
2.	Loading 1 (10 N)		

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

