

# Halene P M307

Polypropylene Impact Copolymer

Haldia Petrochemicals Ltd.

## Message:

M307 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 307 combines excellent processability with low Cycle Time

General Information			
Features	General Purpose		
	Good Moldability		
	Good Processability		
	Impact Copolymer		
Uses	General Purpose		
Processing Method	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)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	23.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	6.0	%	ASTM D638
Flexural Modulus (Injection Molded)	1000	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	80	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	145	°C	ASTM D1525 <sup>2</sup>
Injection	Nominal Value	Unit	
Rear Temperature	180 to 260	°C	
Middle Temperature	180 to 260	°C	
Front Temperature	180 to 260	°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

