

# Halene P M110

Polypropylene Homopolymer  
Haldia Petrochemicals Ltd.

Message:

M110 is a Polypropylene Homopolymer, produced by the latest generation Spheripol Technology. This homopolymer is primarily suitable for Injection Molding Process. M110 combines exceptional processability with low Cycle Time, high Gloss & excellent Color & Processing Stability.

General Information			
Features	Fast Molding Cycle		
	Good Color Stability		
	Good Processability		
	Good Processing Stability		
	High Gloss		
	Homopolymer		
Uses	Furniture		
	General Purpose		
Forms	Pellets		
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)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	34.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	9.0	%	ASTM D638
Flexural Modulus (Injection Molded)	1450	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	30	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	99.0	°C	ASTM D648
Vicat Softening Temperature	154	°C	ASTM D1525 <sup>2</sup>
Injection	Nominal Value	Unit	
Rear Temperature	180 to 280	°C	
Middle Temperature	180 to 280	°C	
Front Temperature	180 to 280	°C	
Nozzle Temperature	180 to 280	°C	
Mold Temperature	30.0 to 40.0	°C	

## NOTE

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

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## Recommended distributors for this material

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