

# Halene P F110

Polypropylene Homopolymer  
Haldia Petrochemicals Ltd.

Message:

F110 is a Polypropylene Homopolymer, produced by the latest generation Spheripol Technology. This homopolymer is primarily suitable for Extrusion process.  
F110 combines exceptional processability with good Slip, Anti Blocking properties, Excellent Clarity and Gloss.

General Information	
Additive	Antiblock
	Slip
Features	Antiblocking
	Good Processability
	High Clarity
	High Gloss
	Homopolymer
	Slip
Uses	Cast Film
	Film
	Food Packaging
Forms	Pellets
Processing Method	Cast Film
	Extrusion

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>
Optical	Nominal Value	Unit	Test Method
Gloss <sup>3</sup> (20°, 25.0 μm)	157		ASTM D2457
Haze <sup>4</sup> (25.0 μm)	2.7	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	180 to 230	°C	
Cylinder Zone 2 Temp.	180 to 230	°C	
Cylinder Zone 3 Temp.	180 to 230	°C	
Cylinder Zone 4 Temp.	180 to 230	°C	
Cylinder Zone 5 Temp.	180 to 230	°C	
Die Temperature	190 to 210	°C	
NOTE			
1.	23°C		
2.	Loading 1 (10 N)		
3.	Tubular Quenched Film		
4.	Tubular Quenched Film		

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#### Recommended distributors for this material

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