

HOPELEN FO-135

Polypropylene Homopolymer
Lotte Chemical Corporation

Message:

HOPELEN FO-135 is homo polymer resin produced by the polymerization of propylene.
This grade is designed to be processed in BOPP film applications.
This grade shows good transparency, anti-static and printing properties.

General Information			
Features	Antistatic		
	Excellent Printability		
	High Clarity		
	Homopolymer		
Uses	Bi-axially Oriented Film		
	Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	99		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.3	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Coefficient of Friction (Cast Film)	< 1.0		Internal Method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	149	°C	ASTM D1525
Peak Melting Temperature	160	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Haze (30.0 μm, Cast Film)	< 0.90	%	ASTM D1003

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