

Braskem PP PH 0950

Polypropylene Homopolymer

Braskem

Message:

PH 0950 is a medium melt flow rate homopolymer with antiblocking agent. PH 0950 is specially designed for twisted films produced even by cast or blown film extrusion. It exhibits excellent optical properties and good processability.

Applications:

Twist film for sweets and candies.

General Information	
Additive	Antiblock
Features	Antiblocking
	Food Contact Acceptable
	Good Processability
	Homopolymer
	Medium Flow
	Opticals
Uses	Cast Film
	Film
	Food Wrap
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Blown Film
	Cast Film
	Film Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.905	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
R-Scale, Injection Molded	101		ASTM D785
R-Scale	101		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	36.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Yield, Injection Molded)	9.0	%	ASTM D638, ISO 527-2
Flexural Modulus			
1% Secant : Injection Molded	1400	MPa	ASTM D790

Injection Molded	1450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C, Injection Molded	25	J/m	ASTM D256
23°C, Injection Molded	2.5	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, Injection Molded	98.0	°C	ASTM D648
0.45 MPa, Unannealed	98.0	°C	ISO 75-2/B
1.8 MPa, Unannealed, Injection Molded	58.0	°C	ASTM D648
1.8 MPa, Unannealed	58.0	°C	ISO 75-2/A
Vicat Softening Temperature	153	°C	ISO 306/A, ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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