Braskem PP PH 0952

Polypropylene Homopolymer

Braskem

Message:

PH 0952 is a polypropylene homopolymer with medium melt flow index and it contains slip additive and anti-blocking agent. PH 0952 is specially designed for technical films segment and packaging for cast and blown film extrusion. It presents excellent transparency and gloss, and very good processability.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Good Processability		
	High Clarity		
	High Gloss		
	Homopolymer		
	Medium Flow		
	Slip		
Uses	Cast Film		
	Film		
	Food Packaging		
	Laminates		
	Textile Applications		
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/cm³	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		2	
R-Scale, Injection Molded	90		ASTM D785
R-Scale	90		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method

% ASTM D638, ISO 527-2 MPa ISO 178 Unit Test Method J/m ASTM D256 kJ/m² ISO 180 Unit Test Method °C ASTM D648 °C ISO 75-2/B °C ASTM D648 °C ISO 75-2/B °C ISO 75-2/A °C ISO 75-2/A °C ISO 306/A, ASTM D1525 1	Tensile Strength (Yield, Injection Molded)	35.0	MPa	ASTM D638, ISO 527-2
MPa ISO 178 Unit Test Method J/m ASTM D256 kJ/m² ISO 180 Unit Test Method °C ASTM D648 °C ISO 75-2/B °C ASTM D648 °C ISO 75-2/A	Tensile Elongation (Yield, Injection			
MPa ISO 178 Unit Test Method J/m ASTM D256 kJ/m² ISO 180 Unit Test Method °C ASTM D648 °C ISO 75-2/B °C ASTM D648 °C ISO 75-2/A	Molded)	11	%	ASTM D638, ISO 527-2
MPa ISO 178 Unit Test Method J/m ASTM D256 kJ/m² ISO 180 Unit Test Method °C ASTM D648 °C ISO 75-2/B °C ASTM D648 °C ISO 75-2/A	Flexural Modulus			
Unit Test Method J/m ASTM D256 kJ/m² ISO 180 Unit Test Method °C ASTM D648 °C ISO 75-2/B °C ASTM D648 °C ISO 75-2/A	1% Secant : Injection Molded	1200	MPa	ASTM D790
J/m ASTM D256 kJ/m² ISO 180 Unit Test Method °C ASTM D648 °C ISO 75-2/B °C ASTM D648 °C ISO 75-2/B °C ISO 75-2/A	Injection Molded	1300	MPa	ISO 178
kJ/m² ISO 180 Unit Test Method °C ASTM D648 °C ISO 75-2/B °C ASTM D648 °C ISO 75-2/A	Impact	Nominal Value	Unit	Test Method
kJ/m² ISO 180 Unit Test Method °C ASTM D648 °C ISO 75-2/B °C ASTM D648 °C ISO 75-2/A	Notched Izod Impact			
Unit Test Method °C ASTM D648 °C ISO 75-2/B °C ASTM D648 °C ISO 75-2/A	23°C, Injection Molded	30	J/m	ASTM D256
°C ASTM D648 °C ISO 75-2/B °C ASTM D648 °C ISO 75-2/A	23°C, Injection Molded	3.7	kJ/m²	ISO 180
°C ISO 75-2/B °C ASTM D648 °C ISO 75-2/A	Thermal	Nominal Value	Unit	Test Method
°C ISO 75-2/B °C ASTM D648 °C ISO 75-2/A	Deflection Temperature Under Load			
°C ASTM D648 °C ISO 75-2/A	0.45 MPa, Unannealed, Injection Molded	95.0	°C	ASTM D648
°C ISO 75-2/A	0.45 MPa, Unannealed	95.0	°C	ISO 75-2/B
	1.8 MPa, Unannealed, Injection Molded	55.0	°C	ASTM D648
°C ISO 306/A, ASTM D1525	1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A
	Vicat Softening Temperature	149	°C	ISO 306/A, ASTM D1525
	Vicat Softening Temperature NOTE			

1. Loading 1 (10 N)

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