

Braskem PP H362-09RS

Polypropylene Homopolymer

Braskem Europe GmbH

Message:

Braskem H362-09RS Polypropylene Resin is a homopolymer suited for high output, fast running cast film lines. It is mostly used in the production of transparent films with a thickness range of 15-150µm and contains oleamide as slip additive. Braskem H362-09RS Polypropylene Resin has an optimized rheology for fast extrusion capability and allows for easy film winding, as well as good printability after corona treatment.

Films based on Braskem H362-09RS Polypropylene Resin exhibit excellent optical properties, notably transparency and gloss.

Applications for Braskem H362-09RS Polypropylene Resin:

Food packaging (bakery, snacks)

Textile packaging (shirts, hosiery, blankets, sweaters)

Printed materials (books, magazines, journals, stationary)

Regulatory Information

Braskem H362-09RS Polypropylene should comply with:

EU, No 10/2011

Consult the regulations for complete details.

General Information			
Agency Ratings	EU No 10/2011		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	30.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	12	%	ISO 527-2
Flexural Modulus (Injection Molded)	1200	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	
Tensile Modulus			ISO 527-3
1% Secant, MD : 50 µm, Cast Film	632	MPa	
1% Secant, TD : 50 µm, Cast Film	703	MPa	
Tensile Stress			ISO 527-3
MD : Break, 50 µm, Cast Film	39.0	MPa	
TD : Break, 50 µm, Cast Film	28.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break, 50 µm, Cast Film	530	%	
TD : Break, 50 µm, Cast Film	520	%	
Dart Drop Impact (50 µm, Cast Film)	190	g	ISO 7765-1
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	5.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature ¹ (0.45 MPa, Unannealed)	110	°C	ISO 75-2/B
Vicat Softening Temperature	151	°C	ISO 306/A
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 50.0 µm, Cast Film)	75		ASTM D2457
Haze (50.0 µm, Cast Film)	5.0	%	ASTM D1003
NOTE			


1. Measured on cast film with a thickness of 50 micron

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