Braskem PP H357-09RSB

Polypropylene Homopolymer

Braskem Europe GmbH

Message:

Braskem H357-09RSB Polypropylene Resin is a homopolymer suited for high output, fast running cast film lines. Braskem H357-09RSB Polypropylene Resin has optimized rheology for fast extrusion capability and allows for easy film winding and cutting performance, as well as good printability after corona treatment. Films based on Braskem H357-09RSB Polypropylene Resin exhibit excellent optical properties, notably transparency and gloss. Braskem H357-09RSB Polypropylene Resin contains slip and antiblocking additives. Braskem H357-09RSB Polypropylene Resin is well suited for the production of transparent films with a thickness range of 15-150 microns. Applications for Braskem H357-09RSB Polypropylene Resin Food packaging (bakery, snacks) Textile packaging (shirts, hosiery, blankets, sweaters) Printed materials (books, magazines, journals, stationary) Regulatory Information

Braskem H357-09RSB Polypropylene Resin should comply with:

EU, No 10/2011

U.S. FDA 21 CFR 177.1520(c)1.1

The appropriate regulations should be consulted for more detailed information.

General Information	
Agency Ratings	EU No 10/2011
	FDA 21 CFR 177.1520(c) 1.1

Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	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)	32.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	13	%	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	650	MPa	
1% Secant, TD : 50 µm, Cast Film	650	MPa	
Tensile Stress			ISO 527-3
MD : Break, 50 µm, Cast Film	38.0	MPa	
TD : Break, 50 µm, Cast Film	32.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break, 50 µm, Cast Film	500	%	
TD : Break, 50 µm, Cast Film	610	%	
Dart Drop Impact (50 µm, Cast Film)	220	g	ISO 7765-1
Impact	Nominal Value	Unit	Test Method

Charpy Notched Impact Strength (23°C, Injection Molded)	5.0	kJ/m²	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 ²	151	°C	ISO 306/A
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 50.0 μm, Cast Film)	80		ASTM D2457
Haze (50.0 µm, Cast Film)	2.0	%	ASTM D1003
NOTE			
1.	Injection Molded		
2.	Injection Molded		

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