

Braskem PP H358-02

Polypropylene Homopolymer

Braskem Europe GmbH

Message:

Braskem H358-02 Polypropylene Resin is a homopolymer developed for the manufacturing of monolayer or co-extruded BOPP films. Braskem H358-02 Polypropylene Resin offers excellent processability and is formulated with an optimized stabilization package. Braskem H358-02 Polypropylene Resin does not contain any slip, anti-blocking, or anti-static agents.

Applications for Braskem H358-02 Polypropylene Resin

BOPP films

Tapes and monofilaments for technical applications, ropes and twines

Regulatory Information

Braskem H358-02 Polypropylene Resin should comply with:

EU, No 10/2011

The appropriate regulations should be consulted for more detailed information.

General Information			
UL YellowCard	E211129-101349094		
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)	2.1	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	33.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	13	%	ISO 527-2
Flexural Modulus (Injection Molded)	1350	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	30	µm	
Film Puncture Energy ¹ (30 µm)	2.80	J	ASTM D5748
Film Puncture Force ² (30 µm)	61.0	N	ASTM D5748
Tensile Modulus			ISO 527-3
1% Secant, MD : 30 µm, Cast Film	600	MPa	
1% Secant, TD : 30 µm, Cast Film	570	MPa	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	6.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³ (0.45 MPa, Unannealed)	105	°C	ISO 75-2/B
Vicat Softening Temperature ⁴	155	°C	ISO 306/A
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 30.0 µm, Cast Film)	80		ASTM D2457
Haze (30.0 µm, Cast Film)	1.4	%	ASTM D1003

NOTE

1.	Cast Film
2.	Cast Film
3.	Injection Molded
4.	Injection Molded

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