Bormod™ HD915CF

Polypropylene Homopolymer

Borealis AG

Message:

Bormod HD915CF is a high cristallinity homopolymer film resin, based on special Borstar nucleating technology.
This grade is specifically designed to be extruded as stiff core layer with a copolymer coat layer of Borclear RE718CF. This grade is suitable for the manufacturing of unoriented films for metallisation. Optical properties will not be deteriorated as with conventional homo or copolymers at these temperatures.

General Information	
Additive	Nucleating Agent
Features	Crystalline
	High Clarity
	High Gloss
	High Heat Resistance
	High Stiffness
	Homopolymer
	Low Odor Transfer
	Nucleated
	Opticals
	Recyclable Material
Uses	Cast Film
	Film
	Food Packaging
	Labels
	Laminates
	Packaging
Forms	Pellets
Processing Method	Cast Film
	Coextruded Film
	Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.900 to 0.910	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Flexural Modulus (23°C, Injection Molded)	2100	MPa	ISO 178
Coefficient of Friction (vs. Itself - Dynamic)	0.30 to 0.40		ISO 8295

Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	
Film Puncture Force (50 µm)	1.90	N	ISO 7765-2
Tensile Modulus			ISO 527-3
MD : 50 µm	1600 to 1800	MPa	
TD : 50 µm	1600 to 1800	MPa	
Tensile Strength			ISO 527-3
MD : 50 µm	35.0 to 55.0	MPa	
TD : 50 µm	30.0 to 50.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break, 50 µm	80 to 120	%	
TD : Break, 50 µm	80 to 120	%	
Instrumented Dart Impact (50 µm, Total Energy)	800	J	ISO 7765-2
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	158	°C	ISO 306/A50
Melting Temperature (DSC)	164 to 170	°C	ISO 3146
Optical	**Nominal Value**		**Test Method**
Gloss (20°, 50.0 µm)	> 90		ASTM D2457

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China