BorPure™ RD266CF

Polypropylene Random Copolymer

Borealis AG

Message:

BorPure RD266CF is a random copolymer.
This grade is suitable for the manufacturing of unoriented films on chill roll processes.
BorPure RD266CF is a slip, antiblock and antistatic formulated resin.

General Information			
Additive	Antiblock (1800 ppm) 2 Antistatic Slip (1800 ppm) 3		
Features	Antiblocking Fast Molding Cycle Good Heat Seal Good Impact Resistance Good Processability High Clarity High Gloss Random Copolymer Slip Soft		
Uses	Film Food Packaging Laminates Non-oriented Film Packaging Stationary Supplies		
Forms	Pellets		
Processing Method	Cast Film		
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)	800	MPa	ISO 178
Coefficient of Friction (vs. Itself - Dynamic)	0.15 to 0.25		ISO 8295
Films	**Nominal Value**	**Unit**	**Test Method**

Film Thickness - Tested	50	µm	
Film Puncture Force (50 µm)	1150	N	ISO 7765-2
Tensile Modulus			ISO 527-3
MD : 50 µm	400 to 500	MPa	
TD : 50 µm	400 to 500	MPa	
Tensile Strength			ISO 527-3
MD : 50 µm	30.0 to 50.0	MPa	
TD : 50 µm	25.0 to 45.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break, 50 µm	550 to 750	%	
TD : Break, 50 µm	550 to 750	%	
Instrumented Dart Impact (50 µm, Total Energy)	20.0	J	ISO 7765-2
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	130	°C	ISO 306/A50
Melting Temperature (DSC)	142 to 148	°C	ISO 3146
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (20°, 50.0 µm)	> 120		ASTM D2457
Haze (50.0 µm)	< 2.0	%	ASTM D1003

Recommended distributors for this material

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