

Borealis PP BD712CF

Polypropylene Copolymer

Borealis AG

Message:

BD712CF is a heterophasic copolymer.
This grade is suitable for the manufacturing of unoriented films on cast and tubular quench film lines.

General Information			
Features	Copolymer		
	Good Heat Seal		
	Good Processability		
	Low Gel		
	Low Temperature Impact Resistance		
	Ultra High Toughness		
	Weldable		
Uses	Cast Film		
	Food Packaging		
	Labels		
	Laminates		
	Non-oriented Film		
	Stationary Supplies		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900 to 0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C, Injection Molded)	1100	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Film Puncture Force	1100	N	ISO 7765-2
Tensile Modulus			ISO 527-3
MD	450 to 550	MPa	
TD	450 to 550	MPa	
Tensile Strength			ISO 527-3
MD	30.0 to 50.0	MPa	
TD	25.0 to 45.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break	600 to 800	%	

TD : Break	600 to 800	%	
Instrumented Dart Impact (Total Energy)	23.0	J	ISO 7765-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature ¹	147	°C	ISO 306/A50
Melting Temperature (DSC)	158 to 162	°C	ISO 3146
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 50.0 µm)	> 3		ASTM D2457
Haze	< 40	%	ASTM D1003
NOTE			

1. Injection molded specimen, 23°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

