

Borealis PP SD233CF

Polypropylene Random Copolymer

Borealis AG

Message:

SD233CF is a very soft random heterophasic copolymer.
This grade is suitable for the manufacturing of unoriented films on chill roll processes.
CAS-No. 9010-79-1

General Information			
Features	Good Toughness		
	Heat Sealable		
	High Gloss		
	Med.-Wide Molecular Weight Distrib.		
	Recyclable Material		
	Soft		
Uses	Engineered Applications		
	Film		
	Food Packaging		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
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	500	MPa	ISO 178
Coefficient of Friction	> 0.70		ISO 8295
Films	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-3
MD	300	MPa	
TD	300	MPa	
Tensile Strength			ISO 527-3
MD	40.0	MPa	
TD	30.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break	600	%	
TD : Break	700	%	
Instrumented Dart Impact (Total Energy)	35.0	J	ISO 7765-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	140	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method

Gloss (20°)	> 100		ASTM D2457
Haze	< 4.0	%	ASTM D1003

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