

Borealis PP SA233CF

Polypropylene Random Copolymer

Borealis AG

Message:

SA233CF is a very soft random heterophasic copolymer.
This grade is suitable for use on conventional blown film lines with air cooling.
CAS-No. 9010-79-1

General Information			
Features	Good Processability		
	Heat Sealable		
	Med.-Wide Molecular Weight Distrib.		
	Random Copolymer		
	Recyclable Material		
	Soft		
Uses	Film		
	Food Packaging		
	Heavy-duty Bags		
Processing Method	Blown Film		
	Coextruded Film		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.80	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	500	MPa	
TD	500	MPa	
Tensile Strength			ISO 527-3
MD	60.0	MPa	
TD	50.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break	700	%	
TD : Break	800	%	
Dart Drop Impact	400	g	ISO 7765-1
Instrumented Dart Impact	15.0	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°)	> 8		ASTM D2457
Haze	< 20	%	ASTM D1003

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