

Borealis PP BE170CF

Polypropylene Copolymer

Borealis AG

Message:

BE170CF is a heterophasic copolymer.
This material has excellent balanced mechanical properties and is easy to process. It is suitable for injection moulding as well as for the production of non oriented cast films
CAS-No. 9010-79-1

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	Good Processability		
	Low Gel		
	Low Temperature Impact Resistance		
	Low to No Odor		
	Low to No Taste		
	Recyclable Material		
Uses	Film		
	Food Packaging		
	Household Goods		
	Packaging		
	Pails		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Molding Shrinkage	1.0 to 2.0	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	4.0	kJ/m ²	
23°C	8.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 to 260	°C	
Mold Temperature	10.0 to 30.0	°C	
Holding Pressure	20.0 to 50.0	MPa	

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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

