

Borclean™ HC318BF

Polypropylene Homopolymer

Borealis AG

Message:

Borclean HC318BF is a polypropylene homopolymer.
Borclean HC318BF contains no slip, antiblock, antistatic additives or nucleating additives.

General Information			
Features	Additive Free		
	Good Processability		
	Good Stiffness		
	Good Thermal Stability		
	High Purity		
	Homopolymer		
	Non-Smooth Surface Finish		
	Recyclable Material		
Uses	Bi-axially Oriented Film		
	Electrical Parts		
	Film		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/5.0 kg	4.4	g/10 min	
230°C/2.16 kg	3.2	g/10 min	
230°C/5.0 kg	14	g/10 min	
Ash Content	10 to 20	ppm	ISO 3451-1
Calcium ¹	2	ppm	Internal Method
Catalyst Residue			Internal Method
Aluminium (ICP)	2 to 4	ppm	
Chloride (XRF)	1 to 3	ppm	
Titanium (ICP)	1 to 3	ppm	
Isotactic Index ²	96	%	Internal Method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	161 to 165	°C	ISO 3146
Electrical	Nominal Value		Test Method
Dielectric Constant	2.25		IEC 60250
NOTE			

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| 1. | from anti-acid |
| 2. | Decaline soluble |

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