

Borealis PE CA8200

Low Density Polyethylene

Borealis AG

Message:

CA8200 is a low-density polyethylene for extrusion coating.

General Information			
Features	Good Adhesion		
	Heat Sealable		
	Low to No Odor		
	Moisture Barrier		
Uses	Coating Applications		
	Paper Coatings		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ISO 1133
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	108	°C	ISO 11357-3
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	240	°C	
Cylinder Zone 2 Temp.	290	°C	
Cylinder Zone 3 Temp.	320	°C	
Cylinder Zone 4 Temp.	320	°C	
Cylinder Zone 5 Temp.	320	°C	
Adapter Temperature	310 to 315	°C	
Die Temperature	310 to 315	°C	
Maximum Coating Speed ¹	14	m/sec	
Minimum Coating Weight ²	5.0	g/m ²	
Neck-in ³	64.0	mm	
NOTE			
1.	BTM 14921		
2.	BTM 14922		
3.	BTM 14920		

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