

Borealis PE CC8207

Low Density Polyethylene

Borealis AG

Message:

CC8207 is a pigmented Extrusion Coating grade. The incorporated pigments give the required light and UV-barrier especially in those applications where instead of Al-foil, barrier polymers like EVOH are used. The pigments and concentration are carefully selected so that the grey color has a very close Al-foil appearance. The overall light penetration can be reduced remarkably especially in the wavelength area of 400-700 nm. As such CC8207 can be used as light and UV barrier material.

CC8207 is based on standard LDPE coating material therefore normal LDPE extrusion coating settings can be selected. However, as for pigmented products in general, extrusion temperatures above 315 - 320°C should be avoided.

In case that CC8207 is stored for long period pre-drying before extrusion is recommended.

General Information			
Features	Good UV Resistance		
	Low Density		
	Recyclable Material		
Uses	Coating Applications		
Forms	Pellets		
Processing Method	Extrusion		
	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)	6.0	g/10 min	ISO 1133

Additional Information	Nominal Value	Unit	Test Method
Pigment Content	7.1	%	Internal Method
Total Neck-In	7.20	cm	Internal Method
Maximum Coating Speed	7.5	m/sec	Internal Method
Maximum Coating Weight	7.00	g/m ²	Internal Method

Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	315 to 320	°C	

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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

