

SEALUTION™ 220

Peel Polymer

The Dow Chemical Company

Message:

SEALUTION™ 220 Peel Polymer is a peelable sealant resin that seals to itself, polypropylene and polyethylene. The resin exhibits a consistently low peel force while maintaining excellent clarity and processability on a blown film line.

Main Characteristics:

Broad easy peel seal window

Low and consistent peel force

Seals to Polyethylene and Polypropylene

Low haze enables high clarity applications

Excellent blown film processability allowing high output rates

Complies with:

Europe Commission Regulation (EU) No 10/2011

U.S. FDA

Canadian HPFB No Objection

Consult the regulations for complete details.

General Information			
Agency Ratings	FDA not rated		
	HPFB (Canada) No Objection		
	Europe No 10/2011		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.911	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.7	g/10 min	ASTM D1238
Films	Nominal Value	Unit	
Film Thickness - Tested ¹	41	µm	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ²	110	°C	DSC
Optical	Nominal Value	Unit	Test Method
Haze ³ (40.6 µm)	9.7	%	ASTM D1003
Extrusion instructions			
Coextruded Film Structure:			
A / B Coextruded film			
A layer is 1.2 mil DOWLEX™ 2045G + 20% DOW LDPE 611A			
B layer is 0.4 mil SEALUTION™ 220			
Fabrication Conditions For Blown Film:			
Coextruded Film (1.6 mil)			
Screw Size: 2 inches ; 30:1 ratio L/D			
Die Gap: 78mil (2 mm)			
Die Diameter: 9.86 inches			
Output: 10.2 lb/hr/in. of die circumference			
Blow-Up Ratio: 2.5 to 1			
NOTE			
1.	Coextruded Film Thicknes		

2.	Internal Method
3.	Coextruded Film

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