

# SEALUTION™ 230 Peel Polymer

Peel Polymer  
The Dow Chemical Company

Message:

SEALUTION™ 230 Peel Polymer is a high clarity peelable sealant that gives a peelable seal to itself, polypropylene and polyethylene. It is suitable for use in cast film lines.

Main Characteristics:

- Pellet form
- Peelable sealant to itself, PP and PE
- Good optics
- Complies with:
  - EU, No 10/2011
  - U.S. FDA

Consult the regulations for complete details.

General Information			
Agency Ratings	FDA not rated		
	Europe No 10/2011		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.897	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.3	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	51	µm	
Seal Initiation Temperature <sup>1</sup> (51 µm, Blown Film)	95.0	°C	Internal method
Peelable range <sup>2</sup>	95 - 180	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Haze <sup>3</sup> (50.0 µm, Blown Film)	< 10	%	ISO 14782
Extrusion	Nominal Value	Unit	
Melt Temperature	190 - 230	°C	
Extrusion instructions			
Fabrication Conditions For Cast Film:			
Die Gap: 1.5 mm			
Melt Temperature: 190-230°C			
Coextruded cast film:			
Total film thickness: 50 microns			
A / B Coex, 80% / 20% layer ratio			
A = LLDPE/LDPE blend or random PP (40 µm)			
B = SEALUTION 230 (10 µm)			
NOTE			

1.	Temperatures at which 2 N/15 mm heat seal strength is achieved.Heat Seal Strengths, Topwave HT Tester 0.5 s dwell, 500 N pressure, pull speed 100 mm/min.
2.	Peelable range of 3-5 N/15 mm. for this particular structure, seal to itself.Heat Seal Strengths, Topwave HT Tester 0.5 s dwell time, 500 N pressure, pull speed 100 mm/min.
3.	Haze for this particular structure

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