



SEALUTION™ 230 Peel Polymer

Peel Polymer

Overview 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.

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.897 g/cm ³	0.897 g/cm ³	ASTM D792
Melt Mass-Flow Rate (190°C/2.16 kg)	3.3 g/10 min	3.3 g/10 min	ASTM D1238
Films	Nominal Value (English)	Nominal Value (SI)	Test Method
Film Thickness - Tested	2.0 mil	51 µm	
Seal Initiation Temperature ¹ 2.0 mil (51 µm), Blown Film	203 °F	95.0 °C	Dow Method
Peelable Range ²	203 to 356 °F	95 to 180 °C	Dow Method
Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Haze ³ (1.97 mil (50.0 µm), Blown Film)	< 10 %	< 10 %	ISO 14782
Extrusion	Nominal Value (English)	Nominal Value (SI)	
Melt Temperature	374 to 446 °F	190 to 230 °C	

Extrusion Notes

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)

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

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

