



# SEALUTION™ 220 Peel Polymer

**Overview** 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.

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.911 g/cm <sup>3</sup>	0.911 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (190°C/2.16 kg)	1.7 g/10 min	1.7 g/10 min	ASTM D1238
Films	Nominal Value (English)	Nominal Value (SI)	
Film Thickness - Tested <sup>1</sup>	1.6 mil	41 µm	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature <sup>2</sup>	230 °F	110 °C	DSC
Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Haze <sup>3</sup> (1.60 mil (40.6 µm))	9.7 %	9.7 %	ASTM D1003

**Extrusion Notes**

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

**Notes**

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

<sup>1</sup> Coextruded Film Thicknes

<sup>2</sup> Internal Method

<sup>3</sup> Coextruded Film

