

## DuPont™ Surlyn® 2601 Sodium Ionomer Resin for Blown and Cast Film

Category : Polymer , Film , Thermoplastic , Ionomer , Ionomer, Film Grade

### Material Notes:

Surlyn® 2601 is an ionomer resin available for use in blown and cast film operations. It can be used in both extrusion and coextrusion equipment designed to process polyethylene resins. Applications: Meat, poultry, seafood and cheese packaging; Cereal liners; Medical/pharmaceutical packaging; Powdered/granular food and nonfood pouches; Edible oil, motor oil, and other liquid product pouches; Snack structures Data provided by the manufacturer, DuPont Packaging.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Surlyn-2601-Sodium-Ionomer-Resin-for-Blown-and-Cast-Film.php](http://www.lookpolymers.com/polymer_DuPont-Surlyn-2601-Sodium-Ionomer-Resin-for-Blown-and-Cast-Film.php)

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in <sup>3</sup>	ASTM D792
Melt Flow	1.4 g/10 min @Load 2.16 kg, Temperature 190 °C	1.4 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	390 %	390 %	ASTM D882
Film Elongation at Break, TD	390 %	390 %	ASTM D882
Secant Modulus, MD	0.280 GPa	40.6 ksi	ASTM D882
Secant Modulus, TD	0.0450 GPa	6.53 ksi	ASTM D882
Impact	310	310	Spencer Impact in J/cm; ASTM D3420
Elmendorf Tear Strength, MD	1.20 g/micron	30.5 g/mil	
Elmendorf Tear Strength, TD	1.40 g/micron	35.6 g/mil	
Dart Drop	9.40 g/micron	239 g/mil	ASTM D1709B
Seal Strength	<= 2400 g/25 mm	<= 2400 g/in	Varies with seal bar temp.
Hot Tack Strength	<= 2800 g/25 mm	<= 2800 g/in	Varies with seal bar temp.; Packforsk Method
Film Tensile Strength at Break, MD	32.0 MPa	4640 psi	ASTM D882
Film Tensile Strength at Break, TD	30.0 MPa	4350 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	97.0 °C	207 °F	DSC; ASTM D3418

Vicat Softening Point Thermal Properties	71.0 °C Metric	160 °F English	ASTM D1525 Comments
<b>Optical Properties</b>	<b>Metric</b>	<b>English</b>	<b>Comments</b>
Haze	1.3 %	1.3 %	ASTM D1003
Gloss	104 %	104 %	20°; ASTM D2457
<b>Processing Properties</b>	<b>Metric</b>	<b>English</b>	<b>Comments</b>
Melt Temperature	204 °C	399 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China