

DuPont™ Surlyn® 1652SR Zinc Ionomer Resin for Cast Film and Extrusion Coating

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

Material Notes:

Surlyn® 1652SR is an ionomer resin available for use in cast film and extrusion coating operations. It can be used in both extrusion and coextrusion equipment designed to process polyethylene resins. Applications: Medical/pharmaceutical packaging; Powdered/granular food and nonfood pouches; Snack structures Data provided by the manufacturer, DuPont Packaging.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Surlyn-1652SR-Zinc-Ionomer-Resin-for-Cast-Film-and-Extrusion-Coating.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in³	ASTM D792
Melt Flow	5.4 g/10 min @Load 2.16 kg, Temperature 190 °C	5.4 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Seal Strength	<= 2500 g/25 mm	<= 2500 g/in	Varies with seal bar temp.
Hot Tack Strength	<= 2600 g/25 mm	<= 2600 g/in	Varies with seal bar temp.; Packforsk Method

Thermal Properties	Metric	English	Comments
Melting Point	100 °C	212 °F	DSC; ASTM D3418
Vicat Softening Point	79.0 °C	174 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	304 °C	579 °F	

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