

DuPont™ Surlyn® 1702 Zinc Ionomer Resin for Extrusion Coating

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

Material Notes:

Surlyn® 1702 is an ionomer resin available for use in conventional extrusion coating and coextrusion coating 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-1702-Zinc-Ionomer-Resin-for-Extrusion-Coating.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	Estimated by MatWeb
Melt Flow	14 g/10 min @Load 2.16 kg, Temperature 190 °C	14 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	<= 2000 g/25 mm	<= 2000 g/in	Varies with seal bar temp.; Packforsk Method

Thermal Properties	Metric	English	Comments
Melting Point	93.0 °C	199 °F	DSC; ASTM D3418
Vicat Softening Point	65.0 °C	149 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	232 °C	450 °F	Extrusion Coating

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