

DuPont Nucrel® 0903B Ethylene-Methacrylic Acid Copolymer Resin for Blown and Cast Film (discontinued **)

Category : Polymer , Film , Thermoplastic , Ethylene Methyl Acrylate , Ethylene-Methyl Acrylate Copolymer, Film Grade

Material Notes:

9 wt% Methacrylic Acid. Nucrel® 0903B is an ethylene-methacrylic acid copolymer resin available for use in blown and cast film extrusion and coextrusion processes designed to process polyethylene resins. Typical Applications: Meat, poultry, seafood, and cheese packaging; Cereal liners; Medical/pharmaceutical packaging; Powdered/granular food and non-food pouches; Carded display/skin packaging films; Edible oil, motor oil, and other liquid product pouches. Features & Benefits: Nucrel® 0903B melt index permits film production at high extrusion rates Use of an antiblock agent helps to prevent film roll blocking. Can be extruded at low temperatures for insurance against off-tastes, off-odors, and taste/odor complaints. Good hot tack, sealability through contamination and heat seal strength provide strong, reliable heat seals. Information provided by DuPont Packaging Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Nucrel-0903B-Ethylene-Methacrylic-Acid-Copolymer-Resin-for-Blown-and-Cast-Film-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Melt Flow	2.5 g/10 min	2.5 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Thermal Properties	Metric	English	Comments
Melting Point	83.0 °C	181 °F	Freezing Point via DSC/ASTM D3418
	101 °C	214 °F	Upon Melting via DSC/ASTM D3418
Vicat Softening Point	81.0 °C	178 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Nozzle Temperature	191 °C	376 °F	Typical Die Temp.
Melt Temperature	190 - 218 °C	374 - 424 °F	blown film equipment

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