

DuPont Nucrel® 0910HS-SR Ethylene-Methacrylic Acid Copolymer Resin for Extrusion Coating (discontinued **)<

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

Material Notes:

8.7 wt% Methacrylic Acid. Nucrel® 0910HS-SR is an ethylene-methacrylic acid copolymer resin available for use in conventional and coextrusion coating equipment designed to process polyethylene resins. Features/Benefits vs. Nucrel® 0910HS: Slip additives are added to reduce the coefficient of friction of the film surface to increase operating speeds on packaging machinery. Chill roll release agents are added to enhance extrusion coating speeds by reducing tendency of the hot melt to adhere to the chill roll surface. Typical Applications: Medical/pharmaceutical packaging; Condiment and miscellaneous nonfood pouches; Snack structures; Heat seal applications using vertical form-fill-seal packaging machinery. Information provided by DuPont Packaging Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Nucrel-0910HS-SR-Ethylene-Methacrylic-Acid-Copolymer-Resin-for-Extrusion-Coating-nbspdiscontinued-lt.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	ASTM D792
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 190 °C	10 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Seal Strength	1500 g/25 mm	1500 g/in	seal bar 140°C.
Hot Tack Strength	1000 g/25 mm	1000 g/in	seal bar 110°C; DuPont Spring Test Method

Thermal Properties	Metric	English	Comments
Melting Point	84.0 °C	183 °F	Freezing Point via DSC/ASTM D3418
	103 °C	217 °F	Upon Melting via DSC/ASTM D3418
Vicat Softening Point	86.0 °C	187 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Nozzle Temperature	290 °C	554 °F	Typical Die Temp.
Melt Temperature	260 - 305 °C	500 - 581 °F	

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