

DuPont Nucrel® 910 Ethylene-Methacrylic Acid Copolymer Resin for Extrusion Coating/Laminating

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

Material Notes:

8.7 wt% Methacrylic Acid. Nucrel® 0910 is an ethylene-methacrylic acid copolymer resin available for use in conventional extrusion coating, coextrusion coating, and extrusion laminating equipment designed to process polyethylene resins. Features/Benefits vs. Nucrel® 0609HS: Better adhesion to unprimed foil, paper and metallized film provides better substrate protection, improved structure reliability, and barrier integrity. This product provides good, but lower adhesion to PE. Lower seal initiation temperature allows higher speed packaging. Better hot tack, sealability through contamination, and heat seal strength provides stronger, more reliable heat seals. Typical Applications: Foil-containing shampoo, toothpaste, towelette, condiment and miscellaneous non-food pouches and sachets; Medical/pharmaceutical packaging; Snack structures; Toothpaste tubes; Cable shield wrap; Aseptic and hot-fill liquid cartons; Other foil, metallized film, or paper coatings as a heat seal or tie layer. Information provided by DuPont Packaging Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Nucrel-910-Ethylene-Methacrylic-Acid-Copolymer-Resin-for-Extrusion-CoatingLaminating.php

Physical Properties	Metric	English	Comments
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	1300 g/25 mm	1300 g/in	seal bar 110°C.
Hot Tack Strength	1150 g/25 mm	1150 g/in	seal bar 102°C; Packforsk method.

Thermal Properties	Metric	English	Comments
Melting Point	82.0 °C	180 °F	Freezing Point via DSC/ASTM D3418
	100 °C	212 °F	Upon Melting via DSC/ASTM D3418
Vicat Softening Point	81.0 °C	178 °F	ASTM D1525

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

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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