

DuPont Nucrel® 1302 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:

13 wt% Methacrylic Acid. Nucrel® 1302 is an ethylene-methacrylic acid copolymer resin available for use in conventional blown and cast film extrusion and coextrusion equipment designed to process polyethylene resins. Features & Benefits: Excellent adhesion to aluminum foil. Good adhesion to low-density polyethylene. Typical Applications: Cable shield wrap. Blown film applications requiring functionality of higher acid comonomer content. Processing Nucrel® 1302 is normally processed at melt temperatures ranging from 175-200°C (347-392°F) in blown film equipment. Actual processing temperatures will usually be determined by either the specific equipment or one of the other polymers in a coextrusion. Nucrel® 1302 can also be used in cast extrusions and coextrusions. Information provided by DuPont Packaging Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Nucrel-1302-Ethylene-Methacrylic-Acid-Copolymer-Resin-for-Blown-and-Cast-Film-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ASTM D792
Melt Flow	1.5 g/10 min @Load 2.16 kg, Temperature 190 °C	1.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Thermal Properties	Metric	English	Comments
Melting Point	79.0 °C	174 °F	Freezing Point via DSC/ASTM D3418
	96.0 °C	205 °F	Upon Melting via DSC/ASTM D3418

Processing Properties	Metric	English	Comments
Nozzle Temperature	180 °C	356 °F	Typical Die Temp.
Melt Temperature	175 - 200 °C	347 - 392 °F	

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