

DuPont Appeel® LSR 11D569 Modified EVA Lidding Sealing Resin (discontinued **)

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Adhesive/Sealant Grade

Material Notes:

Appeel® 11D569 is a modified ethylene vinyl acetate copolymer resin designed to be used as a sealing layer for lidding applications. It provides peelable seals to a variety of surfaces including polypropylene, polystyrene, and polystyrene foam and is available in pellet form for use in conventional extrusion or coextrusion equipment designed to process polyethylene resins. General Processing Information: The melt temperature of Appeel® 11D569 should be maintained in the 175-238°C (350-460°F) range. Selection of a specific melt temperature will depend on screw configuration, potential power limitations, and the need to match melt viscosities. However, melt temperatures above 238°C (460°F) should be avoided because of possible thermal degradation of the resin. If the process is stopped for short periods of time, the Appeel® resin extruder should be kept turning at low rpm. For a permanent shutdown, the Appeel® resin should be purged using an available polyethylene resin run at the same extrusion temperature used for the Appeel® resin. Making frequent changes in screw speed during shutdown and subsequent start-up will help remove the previous material from the machine more effectively. Information provided by DuPont Packaging Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Appeel-LSR-11D569-Modified-EVA-Lidding-Sealing-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ASTM D792
Melt Flow	13 g/10 min @Load 2.16 kg, Temperature 190 °C	13 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Seal Strength	<= 3000 g/25 mm	<= 3000 g/in	PP, bar temp 150-200°C
	4500 g/25 mm	4500 g/in	HDPE, bar temp 150-200°C

Thermal Properties	Metric	English	Comments
Melting Point	79.0 °C	174 °F	Freezing Point via DSC/ASTM D3418
	94.0 °C	201 °F	Upon Melting via DSC/ASTM D3418
Vicat Softening Point	64.0 °C	147 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Melt Temperature	175 - 238 °C	347 - 460 °F	Degrades above 238°C.

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