



Appeel® 11D542

DuPont Packaging & Industrial Polymers - Ethylene Vinyl Acetate Copolymer

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General Information

Product Description

DuPont™ Appeel® 11D542 is a modified ethylene vinyl acetate copolymer resin designed to function as a sealing layer for lidding applications. It is most often suggested to provide interfacial peel seals film to film, and occasionally for peel seal from HDPE, LLDPE, or low %EVA films. It is available in pellet form for use in conventional extrusion or coextrusion equipment designed to process polyethylene resins.

Interfacial Peel Seal for pouches, Peelable Lidding film to other polyolefin substrates

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Packaging	• Sealants	
Agency Ratings	• FDA 21 CFR 175.105	• FDA 21 CFR 177.1350	
Forms	• Pellets		
Processing Method	• Coextrusion	• Extrusion	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.932		ASTM D792
Density	0.930	g/cm ³	ISO 1183
Melt Mass-Flow Rate (190°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.1	g/10 min	ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	185	°F	ASTM D1525
Vicat Softening Temperature	185	°F	ISO 306
Peak Melting Temperature	214	°F	ASTM D3418
Melting Temperature (DSC)	214	°F	ISO 3146

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	275	°F
Cylinder Zone 2 Temp.	320	°F
Cylinder Zone 3 Temp.	365	°F
Cylinder Zone 4 Temp.	365	°F
Cylinder Zone 5 Temp.	365	°F
Adapter Temperature	365	°F
Melt Temperature	< 455	°F
Die Temperature	365	°F

Notes

¹ Typical properties: these are not to be construed as specifications.