

# Appeel® 11D542

Ethylene Vinyl Acetate Copolymer  
DuPont Packaging & Industrial Polymers

Message:

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 Information	
Uses	Packaging Sealants
Agency Ratings	FDA 21 CFR 175.105 FDA 21 CFR 177.1350
Forms	Pellets
Processing Method	Coextrusion Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm <sup>3</sup>	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.1	g/10 min	ASTM D1238, ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	85.0	°C	ASTM D1525, ISO 306
Peak Melting Temperature	101	°C	ASTM D3418, ISO 3146
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	135	°C	
Cylinder Zone 2 Temp.	160	°C	
Cylinder Zone 3 Temp.	185	°C	
Cylinder Zone 4 Temp.	185	°C	
Cylinder Zone 5 Temp.	185	°C	
Adapter Temperature	185	°C	
Melt Temperature	< 235	°C	
Die Temperature	185	°C	

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