

# Appeel® 72D727

Ethylene Vinyl Acetate Copolymer  
DuPont Packaging & Industrial Polymers

### Message:

DuPont™ Appeel® 72D727 is a blown or cast film resin designed to be a sealing layer to film or sheet lidding applications. It provides a peelable seal to a number of materials including HDPE, LLDPE, LDPE, EVA, and Ionomer.  
Appeel® 72D727 is a modified ethylene vinyl acetate polymer available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins.

General Information	
Features	Food Contact Acceptable
Uses	Lids
	Sealants
Agency Ratings	FDA 21 CFR 177.1330
Forms	Pellets
Processing Method	Coextrusion
	Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940	g/cm <sup>3</sup>	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ASTM D1238, ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	68.0	°C	ASTM D1525, ISO 306
Peak Melting Temperature	94.0	°C	ASTM D3418, ISO 3146
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	140	°C	
Cylinder Zone 2 Temp.	150	°C	
Cylinder Zone 3 Temp.	160	°C	
Cylinder Zone 4 Temp.	180	°C	
Cylinder Zone 5 Temp.	180	°C	
Adapter Temperature	180	°C	
Melt Temperature	160 to 185	°C	
Die Temperature	170	°C	

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Recommended distributors for this material

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