

Appeel® 72D811

Ethylene Acrylate Copolymer
DuPont Packaging & Industrial Polymers

Message:

DuPont™ Appeel® 72D811 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® 72D811 is a modified ethylene acrylate polymer available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins.

General Information			
Features	Compliance of Food Exposure		
Uses	Cover		
	Sealant		
Agency Ratings	FDA 21 CFR 177.1330		
Forms	Particle		
Processing Method	Blow film		
	Co-extrusion molding		
	Extrusion		
	cast film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.9	g/10 min	ASTM D1238, ISO 1133
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	94.0	°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	160 - 185	°C	
Die Temperature	173	°C	
Extrusion instructions			

Cast Film Processing:Processing Max Temperature: 185 - 235°CFeed Zone: 135°C (275°F)Second Zone: 160°C (320°F)Third Zone: 185°C (365°F)Fourth Zone: 210°C (410°F)Fifth Zone: 210°C (410°F)Adapter Zone: 210°C (410°F)Die Zone: 210°C (410°F)

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