

Appeel® 2044

Ethylene Vinyl Acetate Copolymer
DuPont Packaging & Industrial Polymers

Message:

DuPont™ Appeel® 2044 is a blown or cast film resin designed to be a sealing layer for lidding applications. It provides a peelable seal over a broad temperature range to a number of container materials including ABS, CPET, HDPE, PETG, PP, PS, and APET. It will provide stronger seals to HIPS, PVC, and HDPE. Appeel® 2044 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	
Uses	Cast Film
	Film
	Packaging
	Seals
Agency Ratings	FDA 21 CFR 177.1350
Forms	Pellets
Processing Method	Blown Film
	Coextrusion
	Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.6	g/10 min	ASTM D1238, ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	54.0	°C	ASTM D1525, ISO 306
Peak Melting Temperature	79.0	°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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