

Appeel® 20D784

Ethylene Acrylate Copolymer
DuPont Packaging & Industrial Polymers

Message:

Appeel® 20D784 is a modified ethylene acrylate resin designed to function as a sealing layer for lidding applications. It is most often suggested to provide peelable seals over a broad temperature range to a number of container materials including PP, PS, and some PVC types. Appeel® 20D784 is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins.

General Information	
Uses	Cover
	Sealant
Agency Ratings	FDA 21 CFR 177.1340
Forms	Particle
Processing Method	Co-extrusion molding
	Extrusion

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)	9.0	g/10 min	ASTM D1238, ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	60.0	°C	ASTM D1525, ISO 306
Peak Melting Temperature	98.0	°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 - 185	°C	
Die Temperature	170	°C	

Extrusion instructions

The above processing values are for blown film.Extrusion coating/lamination parameters:
Feed Zone: 160°C
Second Zone: 210°C
Third Zone: 235°C
Fourth Zone: 260°C
Fifth Zone: 285°C
Adapter Zone: 285°C
Die Zone: 285°C
Melt Temperature: 235 to 285°C

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Recommended distributors for this material

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