

Appeel® 20D745

Ethylene Acrylate Monomer + TPC-ET
DuPont Packaging & Industrial Polymers

Message:

DuPont™ Appeel 20D745 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 PET, PVC, PS and PP. Appeel 20D745 is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins.

General Information	
Uses	Packaging Seals
Agency Ratings	FDA 21 CFR 177.1340
Forms	Pellets
Processing Method	Coextrusion Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	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	92.0	°C	ASTM D3418, ISO 3146
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	160	°C	
Cylinder Zone 2 Temp.	210	°C	
Cylinder Zone 3 Temp.	260	°C	
Cylinder Zone 4 Temp.	285	°C	
Cylinder Zone 5 Temp.	285	°C	
Adapter Temperature	285	°C	
Melt Temperature	235 to 285	°C	
Die Temperature	285	°C	

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Recommended distributors for this material

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