

Appeel® 20D752

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

Message:

DuPont™ Appeel 20D752 is a modified ethylene acrylate copolymer 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 PS and PP. Appeel 20D752 offers good peelability to PE, and also can be used to seal to itself resulting in a cohesive peel system. Appeel 20D752 is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins.

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

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	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	90.0	°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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

