

## DuPont™ Appeel® 45D747 Polyolefin

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Adhesive/Sealant Grade

### Material Notes:

Appeel® 45D747 is a modified polyolefin resin designed to provide easy peel functionality from polyethylene copolymers. Appeel® 45D747 is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins. Appeel® 45D747 resin complies with Food and Drug Administration Regulation 21 CFR 177.1520 - - covering it's use in direct contact with all types of food subject to the extractives limitations on the finished food contact article as described in the regulation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Appeel-45D747-Polyolefin.php](http://www.lookpolymers.com/polymer_DuPont-Appeel-45D747-Polyolefin.php)

Physical Properties	Metric	English	Comments
Density	0.914 g/cc	0.0330 lb/in <sup>3</sup>	ASTM D792, ISO 1183
Melt Flow	4.2 g/10 min @Load 2.16 kg, Temperature 190 °C	4.2 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	112 °C	234 °F	ASTM D3417, ISO 3146
Vicat Softening Point	95.0 °C	203 °F	ASTM D1525, ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	<= 315 °C	<= 599 °F	
Feed Temperature	140 °C	284 °F	Blown Film Coextrusion
	180 °C	356 °F	Extrusion Coating
Zone 2	150 °C	302 °F	Blown Film Coextrusion
	210 °C	410 °F	Extrusion Coating
Zone 3	170 °C	338 °F	Blown Film Coextrusion
	260 °C	500 °F	Extrusion Coating
Zone 4	195 °C	383 °F	Blown Film Coextrusion
	285 °C	545 °F	Extrusion Coating
Zone 5	195 °C	383 °F	Blown Film Coextrusion
	285 °C	545 °F	Extrusion Coating
Adapter Temperature	195 °C	383 °F	Blown Film Coextrusion

Processing Properties	Metric	English	Comments
	285 °C	545 °F	Extrusion Coating
Die Temperature	195 °C	383 °F	Blown Film Coextrusion
	285 °C	545 °F	Extrusion Coating
Melt Temperature	170 - 195 °C	338 - 383 °F	Blown Film Coextrusion
	260 - 305 °C	500 - 581 °F	Extrusion Coating

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China