

# Appeel® 11D554

Ethylene Vinyl Acetate Copolymer  
DuPont Packaging & Industrial Polymers

Message:

DuPont™ Appeel® 11D554 is a modified ethylene vinyl acetate copolymer resin designed to function as a sealing layer for lidding applications. It is most often suggested to provide peelable seals to polypropylene, polystyrene and polystyrene foam and is available in pellet form for use in conventional extrusion or coextrusion equipment designed to process polyethylene resins.

General Information	
Features	Copolymer
Uses	Packaging
	Films
	Seals
Agency Ratings	FDA 21 CFR 175.105
Forms	Particle
Processing Method	Co-extrusion molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm <sup>3</sup>	ASTM D792, ISO 1183

Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.5	g/10 min	ASTM D1238, ISO 1133
---	-----	----------	----------------------

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	72.0	°C	ASTM D1525, ISO 306
Peak Melting Temperature	95.0	°C	ASTM D3418, ISO 3146
Freezing Point			
--	76	°C	ISO 3146
--	76	°C	ASTM D3418

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	160	°C
Cylinder Zone 2 Temp.	185	°C
Cylinder Zone 3 Temp.	210	°C
Cylinder Zone 4 Temp.	235	°C
Adapter Temperature	235	°C
Melt Temperature	210 - 235	°C
Die Temperature	235	°C

Extrusion instructions
Blown Film Processing Conditions:Melt Temperature: 160 to 185°CFeed Zone: 140°CSecond Zone: 150°CThird Zone: 160°CMetering Zone: 180°CAdapter Zone: 180°CDie Zone: 170°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

