

# Appeel® 20D875

Ethylene Acrylate Copolymer  
DuPont Packaging & Industrial Polymers

Message:

Appeel® 20D875 is a modified ethylene acrylate resin designed to function as a sealing layer for lidding applications. It is most often suggested to provide strong peelable seals over a broad temperature range to a number of container materials including PP, PS, PET and PVC. Appeel® 20D875 is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins.

General Information	
Additive	slip agent
Features	Low temperature heat sealability
	smoothness
	Good heat sealability
Uses	Cover
	Sealant
Agency Ratings	FDA 21 CFR 177.1340
Appearance	Translucent
Forms	Particle
Processing Method	Co-extrusion molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm <sup>3</sup>	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	11	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	
Drying Temperature	55.0	°C	
Drying Time	5.0	hr	
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	150 - 190	°C	
Die Temperature	170	°C	

## Extrusion instructions

The above processing values are for blown film. Extrusion coating/lamination parameters:

Feed Zone: 180°C

Second Zone: 230°C

Third Zone: 260°C

Fourth Zone: 270°C

Fifth Zone: 270°C

Adapter Zone: 270°C

Die Zone: 270°C

Melt Temperature: 235 to 270°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

