

Bynel® 21E533

Ethylene Acrylic Acid Copolymer

DuPont Packaging & Industrial Polymers

Message:

Bynel® Series 2100 resins are anhydride-modified ethylene acrylate resins. They contain a temperature stable ester that makes them functional in high temperature coextrusions. They are available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene (PE) resins.

General Information	
Additive	slip agent
Features	smoothness
	Compliance of Food Exposure
Uses	Films
	cast film
	Coating application
	Adhesive
Agency Ratings	FDA 21 CFR 175.105
Forms	Particle
Processing Method	Co-extrusion molding
	Extrusion
	Extrusion coating
	cast film

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.3	g/10 min	ASTM D1238
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	50.0	°C	ASTM D1525
Peak Melting Temperature	83.0	°C	ASTM D3418

Additional Information

Freeze Point, ASTM D3418: 64°C

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	120	°C
Cylinder Zone 3 Temp.	220 - 235	°C
Cylinder Zone 5 Temp.	235 - 275	°C
Adapter Temperature	235 - 275	°C
Melt Temperature	210 - 220	°C
Die Temperature	235 - 275	°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

