

Orevac® 18211

Ethylene Vinyl Acetate Copolymer

Arkema

Message:

OREVAC® 18211 is a coextrusion adhesive resin based on a maleic anhydride modified ethylene-vinyl acetate copolymer. It is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyolefin.

Applications

OREVAC® 18211 has been designed to develop a reliable bonding strength in coextrusion processes between polyethylene or ethylene copolymers and different materials among which polyamides, PS, EVOH and PET. It can be processed within different extrusion and coextrusion technologies including cast film, blown film, sheet calendering, blow molding, tube extrusion.

General Information			
Features	Copolymer		
	Good Adhesion		
Uses	Adhesives		
	Blow Molding Applications		
	Blown Film		
	Cast Film		
	Film		
	Sheet		
	Tubing		
Forms	Pellets		
Processing Method	Blow Molding		
	Blown Film		
	Calendering		
	Cast Film		
	Coextrusion		
	Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ISO 1183, ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ASTM D1238, ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	51.0	°C	ISO 306/A, ASTM D1525 ¹
Melting Temperature	75.0	°C	ISO 11357-3
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	190 to 200	°C	
Cylinder Zone 2 Temp.	200	°C	

Cylinder Zone 3 Temp.	200 to 210	°C
Cylinder Zone 4 Temp.	210 to 220	°C
Cylinder Zone 5 Temp.	220 to 230	°C
Melt Temperature	< 240	°C
Die Temperature	220 to 230	°C

NOTE

1. Loading 1 (10 N)

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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

