

Westlake EBAC® SP1806 17.5%, Ethylene-Methyl Acrylate Copolymer

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Description: Westlake EBAC® SP1806 is an ethylene butyl acrylate copolymer designed for extrusion coating and laminating. SP1806 can also be compounded as an impact modifier or used in highly filled applications. Westlake EBAC® resins are less crystalline and softer than polyethylene and offer compatibility and adhesion to typically difficult to bond to polymers. SP1806 is non-corrosive at extrusion temperatures and has excellent thermal stability. Key Attributes: Good adhesion/compatibility to various substrates Good heat and RF sealing Low temperature toughness Soft, flexible, tough without plasticizer Application/Uses: Extrusion coating / laminations Flexible Packaging Impact Modifier Compounding / high filler loadings Information provided by Westlake Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-EBAC-SP1806-175-Ethylene-Methyl-Acrylate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ASTM D1505
Butyl Acrylate Content	17.5 %	17.5 %	Westlake
Melt Flow	7.3 g/10 min @Load 2.16 kg, Temperature 190 °C	7.3 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	40	40	ASTM D2240
Tensile Strength at Break	10.0 MPa	1450 psi	50 mm/min; ASTM D 638 Type IV Specimen
Elongation at Break	730 %	730 %	50 mm/min; ASTM D 638 Type IV Specimen

Thermal Properties	Metric	English	Comments
Melting Point	91.0 °C	196 °F	by DSC; ASTM D3418
Vicat Softening Point	55.0 °C	131 °F	ASTM D1525
Brittleness Temperature	<= -73.0 °C	<= -99.4 °F	ASTM D746

Descriptive Properties	Value	Comments
Process	Coating	
	Extrusion	
Region	US & Canada	Bamberger Polymers Distribution

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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