

Westlake EMAC® SP2404 18.5% EMA Copolymer

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate

Material Notes:

Westlake EMAC_i ½ SP2404 is a 18.5% EMA copolymer designed for blown film, tie-layer, coextrusions, and blending where flexibility and strength are important. SP2404 provides excellent elasticity and low temperature performance. Articles produced from SP2404 will exhibit very high C.O.F without addition of slip or anti-blocking agents. Key attributes of SP2404 include: good adhesion to various substrates, compatibility with numerous resins, good heat and RF sealing, and low temperature toughness. It is also soft, flexible, and tough without plasticizers. Its applications include: blown and cast films, flexible packaging, tie-layer, and compatibilizer. This resin grade complies with 21 CFR 177.1340. EMAC_i ½ resins adhere to and are compatible with a wide range of materials including paper, polyolefins, oriented polyolefins, polyesters, ionomers, PVC, unplasticized PVC, and other polar polymers. They are made for use as a heat seal layer, adhesive layer, or modifier for cost/performance enhancement. They are soft, pliable, and tough at ambient and freezing temperatures and exhibit excellent ESCR. These polymers exhibit high solids fillability and compatibility with a wide range of polymers. This facilitates their uses as bases for all-purpose concentrates for addition to a wide spectrum of polymers. They process like LDPE.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-EMAC-SP2404-185-EMA-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.941 g/cc	0.0340 lb/in ³	ASTM-D1505
Melt Flow	2.5 g/10 min @Load 2.16 kg, Temperature 190 °C	2.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	39	39	ASTM-D2240
Tensile Strength at Break	12.7 MPa	1840 psi	500 mm/min (20 in./min); ASTM-D638 Type IV Specimen
Elongation at Break	735 %	735 %	500 mm/min (20 in./min); ASTM-D638 Type IV Specimen

Thermal Properties	Metric	English	Comments
Melting Point	86.0 °C	187 °F	DSC; ASTM-D3418
Vicat Softening Point	60.0 °C	140 °F	ASTM-D1525
Brittleness Temperature	<= -73.0 °C	<= -99.4 °F	ASTM-D746

Descriptive Properties	Value	Comments
Methyl Acrylate Content (%)	18.5	
Process		

Descriptive Properties	Blown Film Value	Comments
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