

Westlake EMAC[®] SP2409 20% EMA Copolymer

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate

Material Notes:

Westlake EMAC_i½ SP2409 is a 20% EMA copolymer designed for extrusion coating, tie-layers, and extrusions where flexibility, compatibility, low heat seal temperatures, or a high coefficient of friction are required. SP2409 provides excellent adhesion to polyolefins, polyesters, and other polymers while providing outstanding low temperature performance. Key attributes of SP2409 include: good heat & RF sealing, low temperature toughness, and a high coefficient of friction. It is soft, flexible, and tough without plasticizers. Its applications include: extrusion coating, flexible packaging, tie-layers, compatibilizer, heat seal layer, and high C.O.F. non-skid surfaces. This resin grade complies with 21 CFR 177.1340. EMAC_i½ 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 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 use 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-SP2409-20-EMA-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.941 g/cc	0.0340 lb/in ³	ASTM-D1505
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 190 °C	8.0 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	8.27 MPa	1200 psi	500 mm/min (20 in./min); ASTM-D638 Type IV Specimen
Elongation at Break	600 %	600 %	500 mm/min (20 in./min); ASTM-D638 Type IV Specimen

Thermal Properties	Metric	English	Comments
Melting Point	82.0 °C	180 °F	DSC; ASTM-D3418
Vicat Softening Point	50.0 °C	122 °F	ASTM-D1525
Brittleness Temperature	<= -73.0 °C	<= -99.4 °F	ASTM-D746

Descriptive Properties	Value	Comments
Methyl Acrylate Content (%)	20	
Process		

Descriptive Properties	Extrusion 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