

Westlake EMAC® SP2207 20% Ethylene-Methyl Acrylate Copolymer

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate

Material Notes:

Westlake EMAC® SP2207 is a 20% EMA copolymer designed for extrusion coating, tie-layers, and extrusions where flexibility, compatibility, low heat seal temperatures, or high coefficient of friction are required. SP2207 provides excellent adhesion to polyolefins, polyesters, and other polymers while providing outstanding low temperature performance.Applications: films, flexible packaging, disposable gloves, IV containers and wound care.FDA: This material complies with FDA regulations in 21 CFR, section 177.1340.All information provided by Westlake Chemical

Order this product through the following link:
http://www.lookpolymers.com/polymer_Westlake-EMAC-SP2207-20-Ethylene-Methyl-Acrylate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.941 g/cc	0.0340 lb/in³	ASTM D1505
Methyl Acrylate Content	20 %	20 %	
Melt Flow	6.0 g/10 min @Load 2.16 kg, Temperature 190 °C	6.0 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	10.0 MPa	1450 psi	500mm/min; ASTM D638 Type IV Specimen
Elongation at Break	790 %	790 %	500mm/min; ASTM D638 Type IV Specimen

Thermal Properties	Metric	English	Comments
Melting Point	81.0 °C	178 °F	by DSC; ASTM D3418
Vicat Softening Point	51.0 °C	124 °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

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