

Westlake EMAC® SP 1205 Ethylene-Methyl Acrylate Copolymer (discontinued **)

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate , Ethylene-Methyl Acrylate Copolymer, Coating Grade

Material Notes:

20% Methyl Acrylate Content. Characteristics: Processing Temperature Range: 280-600°F, Less Crystalline and Softer than Polyethylene, Excellent Thermal Stability Allows Extrusion Processing up to 600°F, Non-Corrosive at Extrusion Temperatures, FDA Clearance for Packaging of Most Foods - including Aseptic Packaging, No FDA thickness limitation Applications: Coatings & Laminations: Higher Neck-In but Similar Drawdown vs. LDPE Extrusion Coating Grades, Excellent Heat Seal Response at Low Seal Temperatures, Adheres Very Well to Non-Porous Substrates such as OPP, PVDC Coated Substrates, and Polyester, Adheres well to Porous Substrates such as Paper and Paperboard; Compounding: Impact Modification, Compatibilizer; Film: Tie Layers for LDPE, LLDPE, HDPE, PET, PP, PVDC, Ionomer, EVA, EAA, PVC (Rigid), PCEastman Chemical Company sold its polyethylene business to Westlake Chemical Corporation in Dec. 2006. This grade no longer appears in the Westlake product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Westlake-EMAC-SP-1205-Ethylene-Methyl-Acrylate-Copolymer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.942 g/cc	0.0340 lb/in ³	ASTM D1505
ESCR 10% Igepal®	>= 360 hour @Temperature 50.0 °C	>= 360 hour @Temperature 122 °F	F _{>50</sub>; ASTM D1693}
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	Cond. E; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89	89	ASTM D2240
Hardness, Shore D	33	33	ASTM D2240
Tensile Strength, Ultimate	12.0 MPa	1740 psi	ASTM D638
Elongation at Break	780 %	780 %	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	83.0 °C	181 °F	by DSC
Vicat Softening Point	59.0 °C	138 °F	ASTM D1525
Brittleness Temperature	<= -76.0 °C	<= -105 °F	ASTM D746

Processing Properties	Metric	English	Comments
-----------------------	--------	---------	----------

Processing Properties	Metric	English	Comments
	190 °C	374 °F	Molding
	315 °C	599 °F	Extrusion Coating

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