EMAC+® SP1501

Ethylene Methyl Acrylate Copolymer

Westlake Chemical Corporation

Message:

Westlake EMAC® Plus SP1501 is a 20% EMA copolymer designed for extrusion coating, compounding and blending where low viscosity, flexibility and strength are important. SP1501 provides excellent elasticity and low temperature performance. This resin is capable of very high filler loadings. A higher peak melting temperature than comparable EMA grades makes it a more viable choice for building products that are subjected to 180°F testing.

General Information	
Features	Good Adhesion Good Flexibility Good Strength Low Viscosity
Uses	Adhesives
Agency Ratings	FDA 21 CFR 177.1340
Processing Method	Coating Compounding Extrusion Coating

Physical	Nominal Value	Unit	Test Method
Density	0.941	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	25	g/10 min	ASTM D1238
Methyl Acrylate Content	20.0	wt%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	37		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1]			ASTM D638
Yield	3.86	MPa	
Break	5.52	MPa	
Tensile Elongation [2] (Break)	480	%	ASTM D638
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	< -73.0	°C	ASTM D746
Vicat Softening Temperature	43.0	°C	ASTM D1525
Peak Melting Temperature	100	°C	ASTM D3418
NOTE			
1.	Type IV, 500 mm/min		
2.	Type IV, 500 mm/min		

infringement occurs, please contact us immediately.

Recommended distributors for this material

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