

EMAC® SP2409

Ethylene Methyl Acrylate Copolymer

Westlake Chemical Corporation

Message:

- Application/Uses
- Extrusion Coating
- Flexible Packaging
- Tie-layers
- Compatibilizer
- Heat Seal Layer
- High C.O.F. Non-Skid Surfaces
- Attributes
- Good adhesion or compatibility to various substrates
- Good heat & RF sealing
- Low temperature toughness
- Soft, flexible, tough without plasticizers
- High coefficient of friction

Product Description
Westlake EMAC® SP2409 is a 20% EMA copolymer designed for extrusion coating, tie-layers, and extrusions where flexibility, compatibility, low heat seal temperatures, or high coefficient of riction are required. SP2409 provides excellent adhesion to polyolefins, polyesters, and other polymers while providing outstanding low temperature performance.

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	Good Adhesion		
	Good Flexibility		
	Good Heat Seal		
	High Friction		
	Low Temperature Toughness		
	Soft		
Uses	Coating Applications		
	Packaging		
	Tie-Layer		
Agency Ratings	FDA 21 CFR 177.1340		
Forms	Pellets		
Processing Method	Extrusion		
	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.941	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Methyl Acrylate Content	20.0	wt%	Internal Method

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	39		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	8.27	MPa	ASTM D638
Tensile Elongation ² (Break)	600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -72.8	°C	ASTM D746
Vicat Softening Temperature	51.1	°C	ASTM D1525
Melting Temperature (DSC)	82.0	°C	ASTM D3418
NOTE			
1.	Type IV, 500 mm/min		
2.	Type IV, 500 mm/min		

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