Westlake EMAC€ SP2209 Specialty Copolymer

Polymer,Thermoplastic,Ethylene Methyl Acrylate,Ethylene-Methyl Acrylate Copolymer, Compounding Grade

Westlake Chemical Corporation

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EMAC resins adhere to and are compatible with a wide range of materials including paper, polyolefins, oriented polyolefins, polyesters, ionomers, PVdC, unplasticized PVC and other polar polymers. 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 uses as bases for all-purpose concentrates for addition to a wide spectrum of polymers. They process like LDPE.Applications/UsesFilms
Eastman Chemical Company sold its polyethylene business to Westlake Chemical Corporation in Dec. 2006. This grade no longer appears in the Westlake product line.

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€ •	0.943 g/cc	0.0341 lb/in€	ASTM D1505
Methyl Acrylate Content	20 %	20 %	
, ƒ „ … † ‡	3.5 g/10 min @Load 2.16 kg, Temperature 190 •C	3.5 g/10 min @Load 4.76 lb, Temperature 374 •F	ASTM D1238
' " † ‡	ˆ ‰ Š (‹ Œ)	ˆ ‰ Š (• Œ)	Ž • • ‘
ˆ ‰ Š • (‹ ‰ D)	40	40	ASTM D2240
Œ • Ž • (• •)	11.0 MPa	1600 psi	ASTM D638
‘ ' ‡ (• •)	777 %	777 %	500mm/min; ASTM D638
" † ‡	ˆ ‰ Š (‹ Œ)	ˆ ‰ Š (• Œ)	Ž • • ‘
, " " •	83.0 •C	181 •F	DSC
• – — ˜ " •	54.0 •C	129 •F	1kg load; ASTM D1525
™ ˜ " •	<= -73.0 •C	<= -99.4 •F	ASTM D746