

# Westlake EMAC SP1400 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. EMAC resins process like LDPE. Eastman Chemical Company sold its polyethylene business to Westlake Chemical Corporation in Dec. 2006. This grade no longer appears in the Westlake product line.

• ... † ‡	ˆ %S (< E)	ˆ %S (• E)	Ž • • ’
€ •	0.946 g/cc	0.0342 lb/in <sup>3</sup>	ASTM D1505
Methyl Acrylate Content	24 %	24 %	
, f • ... † ‡	1.0 g/10 min @Load 2.16 kg, Temperature 190 °C	1.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
’ “ † ‡	ˆ %S (< E)	ˆ %S (• E)	Ž • • ’
ˆ %S • (< %D)	35	35	ASTM D2240
E • Ž • (• • )	13.0 MPa	1890 psi	500mm/min; ASTM D638
’ ’ ‡ (• • )	925 %	925 %	500mm/min; ASTM D638
” † ‡	ˆ %S (< E)	ˆ %S (• E)	Ž • • ’
, “ ” •	73.0 °C	163 °F	DSC
• — — ” •	47.0 °C	117 °F	1kg load; ASTM D1525
TM “ ” •	<= -73.0 °C	<= -99.4 °F	ASTM D746