Westlake EMAC® SP2209 Specialty Copolymer

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

Westlake Chemical Corporation

产品说明

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.

物理性能	额定值 (公制)	额定值 (英制)	测试方法
密度	0.943 g/cc	0.0341 lb/in³	ASTM D1505
Methyl Acrylate Content	20 %	20 %	
熔体流动速率	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
机械性能	**额定值 (公制)**	**额定值 (英制)**	**测试方法**
肖氏硬度 (邵氏 D)	40	40	ASTM D2240
抗张强度(断裂)	11.0 MPa	1600 psi	ASTM D638
伸长率 (断裂)	777 %	777 %	500mm/min; ASTM D638
热性能	**额定值 (公制)**	**额定值 (英制)**	**测试方法**
熔融温度	83.0 °C	181 °F	DSC
维卡软化温度	54.0 °C	129 °F	1kg load; ASTM D1525
脆化温度	<= -73.0 °C	<= -99.4 °F	ASTM D746

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