

EMAC® SP2207

乙烯丙烯酸甲酯共聚物

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 use as bases for all-purpose concentrates for addition to a wide spectrum of polymers. They process like LDPE.

基本信息				
特性	低温韧性 柔软	高 ESCR(抗应力开裂) 食品接触的合规性	共聚物	韧性良好
用途	包装 医疗器械	薄膜	管件	容器
机构评级	FDA 食品接触, 未评级			
形式	粒子			

物理性能	额定值	单位制	测试方法
密度	0.941	g/cm ³	ASTM D1505
熔流率(熔体流动速率) (190°C/2.16 kg)	6.0	g/10 min	ASTM D1238
甲基丙烯酸含量	20.0	wt%	

硬度	额定值	单位制	测试方法
肖氏硬度 (邵氏 D)	39		ASTM D2240

机械性能	额定值	单位制	测试方法
抗张强度 ¹ (断裂)	10.0	MPa	ASTM D638
伸长率 ² (断裂)	790	%	ASTM D638

热性能	额定值	单位制	测试方法
脆化温度	< -73.0	°C	ASTM D746
维卡软化温度	51.0	°C	ASTM D1525
熔融峰值温度	81.0	°C	ASTM D3418

备注	
1.	类型 4, 500 mm/min
2.	类型 4, 500 mm/min