

EMAC® SP2268

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 uses as bases for all-purpose concentrates for addition to a wide spectrum of polymers. EMAC resins process like LDPE. EMAC+ Specialty Copolymers are produced under patented technology: US Patent 5804675.

基本信息				
特性	低温韧性 韧性良好	高 ESCR(抗应力开裂) 柔软	共聚物	良好粘结性
用途	包装 容器	薄膜 医疗/护理用品	管件	家用货品
形式	粒子			
加工方法	薄膜挤出			

物理性能	额定值	单位制	测试方法
密度	0.945	g/cm ³	ASTM D1505
熔流率(熔体流动速率) (190°C/2.16 kg)	10	g/10 min	ASTM D1238
甲基丙烯酸含量	24.0	wt%	

硬度	额定值	单位制	测试方法
肖氏硬度 (邵氏 D)	34		ASTM D2240

机械性能	额定值	单位制	测试方法
抗张强度 ¹ (断裂)	8.00	MPa	ASTM D638
伸长率 ² (断裂)	820	%	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	43.0	°C	ASTM D1525
熔融峰值温度	75.0	°C	ASTM D3418

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