

EMAC® SP2220

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. EMAC resins process like LDPE.

基本信息				
特性	低温韧性 柔软	高 ESCR(抗应力开裂)	共聚物	韧性良好
用途	薄膜	管件	医疗/护理用品	粘结树脂
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		0.941	g/cm³	ASTM D1505
熔流率(熔体流动速率) (190°C/2.16 kg)		20	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)		36		ASTM D2240
机械性能		额定值	单位制	测试方法
抗张强度 ¹ (断裂)		7.00	MPa	ASTM D638
伸长率 ² (断裂)		680	%	ASTM D638
热性能		额定值	单位制	测试方法
脆化温度		< -42.0	°C	ASTM D746
维卡软化温度		47.0	°C	ASTM D1525
熔融峰值温度		82.0	°C	ASTM D3418
备注				
1.	类型 4, 500 mm/min			
2.	类型 4, 500 mm/min			