

# Lotader® 3210

乙烯丙烯酸丁酯共聚物

Arkema

产品说明

LOTADER® 3210 is a random terpolymer of ethylene, acrylic ester and maleic anhydride, polymerized by high-pressure autoclave process.

Applications

LOTADER® 3210 is a versatile adhesive for extrusion coating or lamination, designed as :

Concentrate to be used in dry blend with LDPE. LOTADER® 3210 improves adhesion of LDPE on aluminium foils, metallized or primerized films.

Ready for use resin to be used pure. LOTADER® 3210 gives excellent adhesion on substrates likes aluminium foil, metallized plastics, paper, board, PE and some plastic films like BOPP.

Coextrusion tie layer for PE/PA in extrusion coating process.

LOTADER® 3210 is also a coupling agent for mineral filled compounds such as halogen free flame retardant wires and cables, a compatibilizer for polyamide/polyolefin blends and a modifier for polyamides.

基本信息				
特性	较高的熔体稳定性	良好粘结性	三元共聚物	
用途	Bi-axially Oriented Film	层压板	复合	涂层应用
	粘合剂			
形式	粒子			
加工方法	层压法	复合	共挤出成型	挤出
	挤出涂层			
物理性能		额定值	单位制	测试方法
密度		0.940	g/cm³	ISO 1183, ASTM D1505
熔流率(熔体流动速率) (190°C/2.16 kg)		5.0	g/10 min	ASTM D1238, ISO 1133
丁酯丙烯酸成分		6.0	wt%	
Maleic Anhydride Content		3.1	wt%	
硬度		额定值	单位制	测试方法
肖氏硬度 (邵氏 D, 模压成型)		46		ASTM D2240, ISO 868
机械性能		额定值	单位制	测试方法
抗张强度 (断裂, 模压成型)		12.0	MPa	ASTM D638, ISO 527-2
伸长率 (断裂, 模压成型)		600	%	ASTM D638, ISO 527-2
弯曲模量 (模压成型)		120	MPa	ASTM D790, ISO 178
热性能		额定值	单位制	测试方法
维卡软化温度		76.0	°C	ISO 306/A, ASTM D1525 <sup>1</sup>
熔融温度		107	°C	ISO 11357-3
备注				
1.	压 力 1 (10N)			