

## 产品说明

ALATHON L 3810X03 is an experimental medium density polyethylene copolymer with a broad and bimodal molecular weight distribution. Typical applications include merchandise bags, multi-wall bag film, heavy-duty shipping sacks and roll stock. L 3810X03 is also an excellent blend component for processors who wish to improve the tensile properties and processability of LLDPE film resins or improve the heat seal of HDPE films. This resin can be used to produce mono- and multi-layer films requiring toughness as well as an improved feel and appearance. L 3810X03 also provides processors without grooved feed extruders an opportunity to experience the advantages of higher molecular weight resins.

## 总体

材料状态	实验阶段：进行中		
供货地区	北美洲	欧洲	
	南美洲	亚太地区	
性能特点	共聚物	中等分子量	
	食品接触的合	中等宽分子量	
用途	薄膜	袋子	混合
机构评级	FDA 21 CFR 177.1520		
形式	颗粒料		
加工方法	薄膜挤出		
物理性能	额定值	单位制	测试方法
密度		0.94 g/cm <sup>3</sup>	ASTM D1505
熔流率 (190° C/2.16 kg)		0.1 g/10 min	ASTM D1238
薄膜	额定值	单位制	测试方法
薄膜厚度 - 经测试		25 μm	
割线模量			ASTM D882
MD: 25 μm		662 MPa	
TD: 25 μm		855 MPa	
抗张强度			ASTM D882
MD: 屈服, 25 μm		23.4 MPa	
TD: 屈服, 25 μm		27.6 MPa	
MD: 断裂, 25 μm		66.2 MPa	
TD: 断裂, 25 μm		46.2 MPa	
伸长率			ASTM D882
MD: 断裂, 25 μm		380 %	
TD: 断裂, 25 μm		620 %	
落锤冲击 (25 μm)		76 g	ASTM D1709
总能量冲击 (25 μm)		0.461 J	ASTM D4272
埃尔曼多夫抗撕强度			ASTM D1922
MD: 25 μm		16 g	
TD: 25 μm		560 g	
挤出	额定值	单位制	
熔体温度	193 到 210	° C	
挤压说明			

Blow-up Ratio: 4:1