

Arkema Group LOTRYL® 15 MA 03 Copolymer Ethylene - Methyl Acrylate

Polymer,Thermoplastic,Ethylene Methyl Acrylate,Ethylene-Methyl Acrylate Copolymer, Extrusion Grade

Arkema

产品说明

LOTRYL® 15 MA 03 is a random copolymer of ethylene and methyl acrylate made by high-pressure radicalar polymerisation process. Due to the methyl acrylate content, LOTRYL® 15 MA 03 is a polymer of choice for applications where softness, flexibility and polarity are required. Typical applications are extrusion-coating, coextrusion and compounds.Information provided by Arkema Group

物理性能	额定值 (公制)	额定值 (英制)	测试方法
密度	0.940 g/cc @Temperature 23.0 °C	0.0340 lb/in³ @Temperature 73.4 °F	ISO 1183
Methyl Acrylate Content	13 - 17 %	13 - 17 %	IRTF (internal)
化合物熔体指数	2.3 - 3.3 g/10 min @Load 2.16 kg, Temperature 190 °C	2.3 - 3.3 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
机械性能	额定值 (公制)	额定值 (英制)	测试方法
肖氏硬度 (邵氏 D)	29	29	ASTM D2240
抗张强度(断裂)	14.0 MPa	2030 psi	ASTM D638
伸长率 (断裂)	700 %	700 %	ASTM D638
弯曲模量	0.0500 GPa	7.25 ksi	ASTM D638
热性能	额定值 (公制)	额定值 (英制)	测试方法
熔融温度	89.0 °C	192 °F	DSC
维卡软化温度	59.0 °C @Load 1.02 kg	138 °F @Load 2.25 lb	ASTM D1525
加工性能	额定值 (公制)	额定值 (英制)	测试方法
加工温度	<= 300 °C	<= 572 °F	