

# Arkema Group LOTRYL® 16 MA 003 Copolymer Ethylene - Methyl Acrylate

Polymer,Thermoplastic,Ethylene Methyl Acrylate

## Arkema

### 产品说明

LOTRYL® 16 MA 003 is a random copolymer of ethylene and methyl acrylate made by high-pressure radicalar polymerisation process. Due to the methyl acrylate content, LOTRYL® 16 MA 003 is a polymer of choice for applications where softness, flexibility and polarity are required.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	14 - 18 %	14 - 18 %	IRTF (internal)
化合物熔体指数	0.25 - 0.35 g/10 min @ Load 2.16 kg, Temperature 190 °C	0.25 - 0.35 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)	35	35	ASTM D2240
抗张强度(断裂)	20.0 MPa	2900 psi	ASTM D638
伸长率 (断裂)	650 %	650 %	ASTM D638
弯曲模量	0.0600 GPa	8.70 ksi	ASTM D638
热性能	额定值 (公制)	额定值 (英制)	测试方法
熔融温度	88.0 °C	190 °F	DSC
维卡软化温度	64.0 °C @ Load 1.02 kg	147 °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	