

Arkema Group LOTRYL® 28 MA 07 Copolymer Ethylene - Methyl Acrylate

Polymer,Thermoplastic,Ethylene Methyl Acrylate

Arkema

产品说明

LOTRYL® 28 MA 07 is a random copolymer of ethylene and methyl acrylate made by high-pressure radicalar polymerisation process. Due to the high methyl acrylate content, LOTRYL® 28 MA 07 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	0.950 g/cc @Temperature 23.0 °C	0.0343 lb/in³ @Temperature 73.4 °F	ISO 1183
Methyl Acrylate Content	26 - 30 %	26 - 30 %	IRTF (internal)
化合物熔体指数	6.0 - 8.0 g/10 min @Load 2.16 kg, Temperature 190 °C	6.0 - 8.0 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)	76	76	ASTM D2240
抗张强度(断裂)	7.00 MPa	1020 psi	ASTM D638
伸长率 (断裂)	900 %	900 %	ASTM D638
弯曲模量	0.0100 GPa	1.45 ksi	ASTM D638
热性能	额定值 (公制)	额定值 (英制)	测试方法
熔融温度	65.0 °C	149 °F	DSC
维卡软化温度	<= 40.0 °C @Load 1.02 kg	<= 104 °F @Load 2.25 lb	ASTM D1525
Ring & Ball Softening Point	150 °C	302 °F	ASTM E28
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	