

Arkema Group LOTRYL€ 16 MA 003 Copolymer Ethylene - Methyl Acrylate

Polymer, Thermoplastic, Ethylene Methyl Acrylate

Arkema

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LOTRYL€ 16 MA 003 is a random copolymer of ethylene and methyl acrylate made by high-pressure radical 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

• ... † ‡	ˆ %Š (< €)	ˆ %Š (• €)	Ž • • ’
€ •	0.940 g/cc @Temperature 23.0 °C	0.0340 lb/in, @Temperature 73.4 °F	ISO 1183
Methyl Acrylate Content	14 - 18 %	14 - 18 %	IRTF (internal)
, f • ... † ‡ ^	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
’ “ † ‡	ˆ %Š (< €)	ˆ %Š (• €)	Ž • • ’
%Š < • (€Š D)	35	35	ASTM D2240
• Ž • • (• ’)	20.0 MPa	2900 psi	ASTM D638
’ “ ” (• ’)	650 %	650 %	ASTM D638
• — —	0.0600 GPa	8.70 ksi	ASTM D638
” † ‡	ˆ %Š (< €)	ˆ %Š (• €)	Ž • • ’
...™Š •	88.0 °C	190 °F	DSC
> œ • , Š •	64.0 °C @Load 1.02 kg	147 °F @Load 2.25 lb	ASTM D1525
• — † ‡	ˆ %Š (< €)	ˆ %Š (• €)	Ž • • ’
ž ŸŠ •	<= 300 °C	<= 572 °F	