

Esstech X-803-0000 Acetoacetoxyethyl Methacrylate, C10H14O5

Category : Polymer , Thermoset , Methacrylate

Material Notes:

Acetoacetoxy ethyl methacrylate, also known as AAEMA, is a low viscosity, monofunctional methacrylate. The two ketone groups in its' backbone can chelate various cations allowing for adhesion between methacrylate resins or plastics and metals. The homopolymer of acetoacetoxyethyl methacrylate has a low Tg creating the potential for use as a toughening agent in polymer systems. CAS # 21282-97-3. Listed on the Toxic Substance Control Act List. Information provided by ESSTECH, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Esstech-X-803-0000-Acetoacetoxyethyl-Methacrylate-C10H14O5.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	
Molecular Weight	214.22 g/mol	214.22 g/mol	

Optical Properties	Metric	English	Comments
Refractive Index	1.454	1.454	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.030 %	<= 0.030 %	

Descriptive Properties	Value	Comments
Acidity (KOH per g)	7 mg	
Color (APHA)	75	
Inhibitor (ppm)	400	
Purity (%)	> 85	

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