

BASF Methyl Acrylate

Category : Fluid

Material Notes:

Formula: C₄H₆O₂CAS: 96-33-3Description: Acrylic ester for manufacturing polymers and for use as a feedstock for syntheses.

Applications: Methyl acrylate forms homopolymers and copolymers. Copolymers of methyl acrylate can be prepared with acrylic acid and its salts, amides and esters, and with methacrylates, acrylonitrile, maleic acid esters, vinyl acetate, vinyl chloride, vinylidene chloride, styrene, butadiene, unsaturated polyesters and drying oils, etc. Methyl acrylate is also a very useful feedstock for chemical syntheses, because it readily undergoes addition reactions with a wide variety of organic and inorganic compoundsInformation provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Methyl-Acrylate.php

Physical Properties	Metric	English	Comments
Density	0.956 g/cc	0.0345 lb/in ³	
Viscosity	0.49 cP	0.49 cP	[mPa.s]
Molecular Weight	86 g/mol	86 g/mol	
Vapor Pressure	0.00905 bar	6.79 torr	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	2.00 J/g-°C	0.478 BTU/lb-°F	of Liquid
Melting Point	-75.0 °C	-103 °F	Freezing Point
Boiling Point	80.0 °C	176 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.404	1.404	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.050 %	<= 0.050 %	ASTM E203

Descriptive Properties	Value	Comments
Assay	>99.8%	
Color	<10	APHA, ASTM D1209
Heat of Polymerization	950 kJ/kg	
Latent Heat of Evaporation at Boiling Point	385.1 kJ/kg	

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