

BASF Ethyl Acrylate

Category : Fluid

Material Notes:

Formula: C₅H₈O₂CAS: 140-88-5Description: Acrylic acid ester suitable for the production of polymers and as a feedstock for syntheses.Applications: Ethyl acrylate forms homopolymers and copolymers. Copolymers of ethyl acrylate can be prepared with acrylic acid and its salts, amides and esters, methacrylates, acrylonitrile, maleates, vinyl acetate, vinyl chloride, vinylidene chloride, styrene, butadiene, unsaturated polyesters and drying oils. Ethyl acrylate is also an important feedstock for chemical syntheses because it readily undergoes addition reactions with many organic and inorganic compounds.Information provided by BASF

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 lb/in ³	
Viscosity	0.55 cP	0.55 cP	
Molecular Weight	100.1 g/mol	100.1 g/mol	
Vapor Pressure	0.00390 bar	2.93 torr	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.98 J/g-°C	0.473 BTU/lb-°F	of Liquid
Melting Point	-72.0 °C	-97.6 °F	Freezing Point
Boiling Point	100 °C	212 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.404	1.404	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.050 %	<= 0.050 %	ASTM D203

Descriptive Properties	Value	Comments
Assay	>99.7%	
Color	<10	APHA, ASTM D1209
Heat of Polymerization	655 kJ/kg	
Latent Heat of Evaporation at Boiling Point	346.1 kJ/kg	

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