

BASF 2- Ethylhexyl Acrylate

Category : Fluid

Material Notes:

Formula: C₁₁H₂₀O₂CAS: 203-080-7Description: Acrylic ester for manufacturing polymers and for use as a feedstock for syntheses.

Applications: 2-Ethylhexyl acrylate forms homopolymers and copolymers. Copolymers of 2-ethylhexyl 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. 2-ethylhexyl acrylate is also a very useful feedstock for chemical syntheses, because it readily undergoes addition reactions with a wide variety of organic and inorganic compounds. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-2-Ethylhexyl-Acrylate.php

Physical Properties	Metric	English	Comments
Density	0.887 g/cc	0.0320 lb/in ³	
Viscosity	1.7 cP	1.7 cP	
Molecular Weight	184.3 g/mol	184.3 g/mol	
Vapor Pressure	1.00e-6 bar	0.000750 torr	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.89 J/g-°C	0.452 BTU/lb-°F	of Liquid
Melting Point	-90.0 °C	-130 °F	Freezing Point
Boiling Point	91.0 °C	196 °F	13 mbar
	216 °C	421 °F	1013 mbar

Optical Properties	Metric	English	Comments
Refractive Index	1.435	1.435	

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

Descriptive Properties	Value	Comments
Assay	>99.6%	
Color	<10	APHA, ASTM D1209
Heat of Polymerization	332 kJ/kg	

Descriptive Properties	Value	Comments
Latent Heat of Evaporation at Boiling Point	248 kJ/kg	

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