

BASF Butyl Acrylate

Category : Fluid

Material Notes:

Formula: C7H12O2CAS: 141-32-2Description: Acrylic acid ester, for manufacturing polymers and for use as a feedstock for syntheses.Applications: Butyl acrylate forms homopolymers and copolymers. Copolymers of butyl 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. Butyl acrylate is also a very useful feedstock for chemical syntheses, because it readily undergoes addition reactions with a wide variety of organic and inorganic compound.Information provided by BASF

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	0.898 g/cc	0.0324 lb/in ³	
Viscosity Measurement	0.92	0.92	[mPa.s]
Molecular Weight	128.2 g/mol	128.2 g/mol	
Vapor Pressure	0.00540 bar	4.05 torr	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.93 J/g-°C	0.461 BTU/lb-°F	of liquid
Melting Point	-64.0 °C	-83.2 °F	Freezing Point
Boiling Point	148 °C	298 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.4185	1.4185	

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

Descriptive Properties	Value	Comments
Acidity, as HCl	0.01	as acrylic acid, ASTM D1613
Assay	>99.5%	
Color	<10	APHA, ASTM D1209
Heat of Polymerization	504 kJ/kg	

Descriptive Properties	Value	Comments
Latent Heat of Evaporation at Boiling Point	292 kJ/kg	
Standard Stabilization	10 - 20 ppm	MEHQ, ASTM D3125

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