

TECHNICAL SPECIFICATION

BUTYLE ACRYLATE

Chemical nature :- $C_7H_{12}O_2$

CAS No- 141-32-2

EINECS-No:- 205-480-7

PROPERTY	VALUE	RESULT
Assay (Gas chromatography)	%	99.5 (min.)
Water content (ASTM E 203)	%	0.05 (max.)
Acid content (calc. as acrylic acid) (ASTM D 1613)	%	0.01 (max.)
Color on despatch	-	10 (max.)
Standard stabilization (ASTM D 3125)	ppm MEHQ	15 + 5
Appearance	-	clear, colorless
Physical form	-	liquid
Odor	-	Pungent
Density at 25°C	g/cm ³	0.898
Refractive index n_d at 20°C	-	1.4185
Boiling point °C 141	°C	ca. 148
Freezing point	°C	ca. -64
Viscosity @ 20°C	mPa•s	0.92
Specific heat of liquid	kJ/kg°C	1.93
Heat of evaporation at boiling point	kJ/kg°C	292
Vapor pressure at 20°C	kJ/kg°C	5.4
Temperature rating for electrical	kJ/kg°C	T 2 (200-300)