

TECHNICAL SPECIFICATION

2-ETHYLE HEXYL ACRYLATE

CAS NO :- 103-11-7

EINECS No.: 203-080-7

<u>PROPERTY</u>	<u>VALUE</u>	<u>RESULT</u>
Assay (Gas chromatography)	%	min. 99.6
Water content (ASTM E 203)	%	max. 0.05 %
Acid content (calc. as acrylic acid)	%	max. 0.009 %
Color on despatch (APHA, ASTM D 1209)	-	Max 10
Standard stabilization (HPLC BASF or ASTM D 3125)	-	15 ± 5 ppm MEHQ
Appearance	-	clear, colorless
Physical form	-	liquid
Odor	-	Sweet
Density at 20 °C	g/cm ³	0.885
Refractive index nd at 20 °C	-	1.435
Boiling point at 1013 mbar	°C	216 °C
Boiling point at 13 mbar	°C	91 °C
Freezing point	°C	approx. – 90 °C
Viscosity	mPa · s	2.9
	mPa · s	1.89
Specific heat of liquid		
Heat of evaporation at boiling point	mPa · s	248
Heat of polymerization	kJ/kg	approx. 332 kJ/kg
Temperature rating for electrical	°C	T 3 (200 – 300 °C)