

2-Ethyl Hexyl Acrylate (2-EHA) (LG Chem)

Technical DataSheet | Supplied by LG Chem

2-Ethyl hexyl acrylate. Has excellent chemical reactivity with their double bond and functional group in the molecular structure. Used in paints and inks.

Product Type	Acrylates / Methacrylates Monomers > Mono
Chemical Composition	2-Ethyl hexyl acrylate
CAS Number	103-11-7
Product Status	COMMERCIAL

2-Ethyl Hexyl Acrylate (2-EHA) (LG Chem) Properties

Property	Value & Unit	Test Condition	Test Method
Molecular weight	184.3		
Viscosity @ 20°C	1.540 cP		
Boiling Point	213.5 °C		
Freezing Point	-90 °C		
Flash Point	84 °C		
Color	<10 APHA		
Specific gravity	0.882 - 0.888		
Purity	>99.5 wt%		
Water Content	<0.05 wt%		
Inhibitor, MEHQ	10 - 20 ppm		
Latent heat	9.8 - 10.8 Kcal/mol		
Specific heat	0.46 Kcal/Kg°C		
Heat of polymerization	14.5 Kcal/mol		
Refractive index nD20	1.4350		
Vapor Pressure @ 60 °C	1.8		



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Vapor Pressure @ 80 °C 5.9

Vapor Pressure @ 100 °C 14.0

Vapor Pressure @ 140 °C 71.0

Lel 0.7 vol%

Uel 6.5 vol%

Acidity, as acrylic acid <0.007 wt%