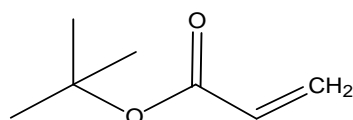


Technical Data Sheet

Description Tert-Butyl acrylate

Chemical Structure



Empirical Formula $C_7H_{12}O_2$

CAS No. [1663-39-4](#)

Application

TBA acrylate applies to thermoplastic acrylic resin, thermoset acrylic resin, paper finishing agent. It can be used for the preparation of poly (tert-butyl acrylate (PtBA) polymers and copolymers, as well as polyacrylic acid polyelectrolyte brushes.

Sales Specifications

Purity (GC)	min.99.5%
Color (Pt-Co)	max.20
Acidity (as AA)	max.0.10%
Water content (K.Fischer)	max.0.10%
Stabilization (MEHQ)	50±10ppm

Note: Stabilization quantity can be added according to clients' need.

Physical Data

Appearance	Clear liquid	Viscosity	dynamic: 0,9 mPa.s at 20 °C
Molecular weight	128.17 g/mol	Boiling point	61-63°C(8kPa)
Density	0.875 g/ml (25°C)	Flashpoint	17°C (close cup)
Refractive index	1.410(25°C)	Water Solubility	1 g/l at 25 °C

Packaging

Iron Drum 180KG or 850kg/IBC

Storage

Store the products in cool, shady and ventilated conditions. Keep far away from fire.

Shelf Life

6 months after delivery

Transportation

Avoid shine, rain and high temperature in transportation.