

Monomer IBOA

Product Description

Monomer IBOA (Isobornyl Acrylate) is a high purity, low color monofunctional diluent compatible with a wide range of acrylated oligomers used in UV/EB curing applications. Good viscosity reduction and low shrinkage properties makes this monomer useful in various overprint varnishes, inks, and coating. The enhanced thermal stability (increased Tg) is due to the monomer's bicyclic structure.

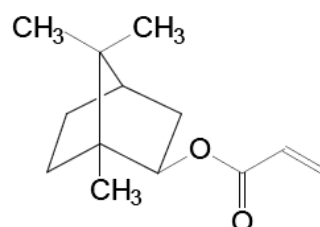
Chemical Data

Chemicals Name

Isobornyl Acrylate

CAS:

5888-33-5



Molecular Formula

Typical properties

Appearance

Clear liquid

Color (APHA), max.

≤ 50

Viscosity, 25°C, cps

5 - 15

Specific Gravity, g/cm³ at 25°C

0.98

Water wt% max

≤ 0.1

Acid value, mg KOH/g, max.

≤ 0.5

Advantages

- Low color and viscosity
- Increased Tg, thermal resistance
- Improved water resistance
- Low shrinkage
- Good flexibility

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.

Monomer IBOA

Applications

UV or EB cured inks, coatings, varnishes, and electronic applications as photoresists

Packing & Storage

- 200kg Metal Drums
- This monomer should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures below 38°C. Exposure to direct sunlight should be avoided
- Recommended shelf life is 1 year

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.