

L-61020(IBOA) Isobornyl Acrylate

CAS#5888-33-5

Molecule Weight (g/mol): 208

Description

L-61020 appears colorless or yellow transparent liquid, with low irritation, low shrinkage, good heat resistance, good water resistance and good adhesion. It is suitable for use in adhesives and special coatings.

Technical Data

Appearance	Transparent liquid
Color Number (APHA)	≤ 100
Acid Value (mg KOH/g)	≤ 0.5
Viscosity (25°C, CPS)	5 - 15
Water(%)	≤ 0.2
Polymerization Inhibitor (ppm)	≤ 200
Refractive Index	1.474
Surface Tension (dyne/cm)	31.7
Vitrification Temperature Tg, °C	88
Functional Group	1

Product Features

High glass transition temperature (Tg) combined with excellent monomer flexibility
To significantly reduce the internal stress of the coating, reduce the volume shrinkage of the coating, improve adhesion and interlayer adhesion
Low viscosity, suitable for high solid content coatings, can reduce viscosity
good scratch resistance
Also provides good moisture resistance.

Applications

UV adhesives; 3D UV printing resins; UV nail polishes; UV inks UV coatings; water-based UV coatings, etc.

Storage Conditions

To prevent premature polymerization due to the high reactivity of this product, keep it tightly sealed and store away from heat sources and direct sunlight. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 25 kg / 200 kg per drum

Tips: L-61020 features a high glass transition temperature (Tg) and excellent monomer flexibility, with low irritation, low shrinkage, outstanding heat resistance, excellent water resistance, and strong adhesion.