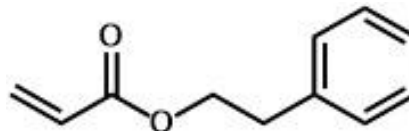


BIMAX® PEA

2-Phenylethyl acrylate
CAS No. 3530-36-7
EINECS No. 2225628
Developmental



Applications

This material has applications in optical polymeric material, including intraocular implants, that allows for the modification of refractive index in optical devices via femtosecond laser treatments. It also has uses in photopolymer films that are suitable for use in holographic notch filters.

Typical Properties

Purity, %	> 98.0
Moisture, ppm	≤ 1000
HQ, ppm	100-200

Physical Properties

Appearance	clear, colorless liquid
Molecular weight	176.2 g/mol
Boiling point, 5.0 Torr	104°C
Density, 20°C	1.0369 g/cm ³
Flash point, closed cup	114°C
pH, 200 g/L	7-10
Water solubility	negligible
Refractive index, 20°C	1.5111

Packaging

1-gallon DG bottle, containing 3.5kg each

Storage and Handling

Store at temperatures below 32°C, away from heat and light sources. Wear goggles and gloves. Eye and skin contact, as well as inhalation, should be avoided. If contact occurs, wash affected area immediately with cold water. Consult the Safety Data Sheet.

This information is presented for your consideration in the belief that it is accurate and reliable; however, Bimax makes no guarantees or warranty, either expressed or implied, of the accuracy or the completeness of this information. The information in this data sheet is designed only as a guidance for safe handling, storage and use of the substance. It is not a specification, nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Individuals receiving this information are expected to use their own judgment in determining the relevancy for a particular circumstance. Accordingly, Bimax will not be responsible for damages of any kind resulting from the use of, or reliance upon, such information.