

Monomer NPG2PODA

Product Description

Monomer NPG2PODA is an excellent low viscosity reactive di-functional acrylate monomer used to dilute oligomers. It exhibits excellent wetting properties and has a low skin irritation and high curing speed. It is designed for applications in UV/EB curable varnishes, graphic arts, screen, flexo inks, etc. Substrates include metal, paper / paperboard, plastic, and wood.

Chemical Data

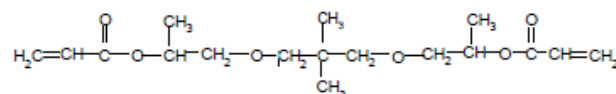
Chemicals Name

Propoxylated neopentylglycol diacrylate

CAS:

84170-74-1

Molecular Formula



Typical properties

Appearance

Clear liquid

Color (APHA), max.

≤ 80

Viscosity, 25°C, cps

10 - 20

Specific Gravity, g/cm³ at 25°C

0.99 - 1.02

Water wt% max

≤ 0.2

Acid value, mg KOH/g, max.

≤ 0.5

Advantages

- Low color and viscosity
- Low surface tension
- Excellent wetting properties
- Low shrinkage
- Good flexibility

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.