

L-6107(DMAA) N, N Dimethylacrylamide

CAS#2680-03-7

Description

**L-6107** It is an acryl monomer suitable for photocuring reaction. It has high refractive index, high adhesion, chemical resistance, durability, and high impact strength. DMAA has excellent compatibility and adhesion to polyolefins, unsaturated polyesters, ABS, PC, PMMA, untreated PET and even PP, PE, etc. role.

Technical data

|                                     |   |
|-------------------------------------|---|
| Appearance                          | Colorless or yellowish transparent liquid |
| Molecular weight (g/mol)            | 99.13                                     |
| Viscosity (25°C, CPS)               | 2-8                                       |
| Density d (g/mL, 25/4°C)            | 0.96                                      |
| Flash point (°C)                    | 71  |
| Boiling point (°C, normal pressure) | 46  |
| Refractive index                    | 1.472                                     |
| Surface tension (dyne/cm)           | 37.1                                      |
| Color number (APHA)                 | ≤60                                       |
| Functional group                    | 1   |

Performance

Good adhesion, excellent compatibility and adhesion to PC, PMMA, untreated PET, even PP, PE, etc., can play a role similar to micro-etch swelling for various plastic films  
Fast response, good flexibility  
Low skin irritation, good hydrophilicity

Applications

UV adhesive, 3D UV printing, UV nail polish, UV ink, UV coating, water-based UV coating, etc.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature( 25°C) and under ventilation. 25KG/190KG/barrel

**Tips: L-6107 has ultra-low viscosity, good water solubility, good adhesion to special materials, strong dilution ability, strong solvency, etc.**

Note: Technical data represents typical values only. In view of the differences in formulas, production process, conditions, all the above statements must be adjusted according to the actual situation, our company does not make any promises. Our company reserves the right to reform its products without prior notice of any changes.