

Product Name: L-6102 ACOMO
Chemical group: morpholine acrylate**Description**

CAS #5117-12-4

Molecular weight (g/mol): 141.17

L-6102 Acmo is a special UV monomer with ultra-low viscosity, low odor, low volatility, low irritation, excellent balance of hardness and flexibility, and fast curing speed. Good adhesion to all kinds of substrates is very suitable for flexibility, adhesion and viscosity in high flexibility UV system.

Chemical & physical data

Appearance:	Colorless or yellowish transparent liquid
Chroma(APHA)	≤60
Acid value (mgKOH/g)	≤3
Viscosity (cps@25℃)	8~12
Density (g/cm ³ , 25℃)	1.122
Refractive index	1.508
Boiling Point (atmospheric pressure):	158℃ (50mmHg)
Surface tension Dynes/cm, 20 °C	44.6mN/m
Glass transition temperature Tg, °C	145

Performance

The monofunctional monomer with low odor and low irritation can be miscible with water and can be used in aqueous UV system.

The reaction is faster than that of ordinary monofunctional monomers, which is equivalent to the speed of general 2-3 functional monomers

It is very flexible and has a certain hardness. It can be mixed with high-ranking official oligomer and added with a small amount to prepare hard and tough products

Good dispersion of pigments and dyes

Excellent adhesion, especially for difficult substrates such as PET / PE and PMMA.

Application:

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

Storage, shelf time and Packing

This product will be functional for 1 year as long as storing under normal temperature and keeping away from heat and light.

This Product will be packed into 20kg、200kg/drum.

Tip: ACOMO is a special UV monomer with fast reaction speed, good adhesion and low viscosity.

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