Lencolo®
蓝柯路

TDS

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L-6103 TBCH 4-tert-butylcyclohexyl Acrylate

CAS#84100-23-2

Description

L-6103 is a special modified UV monomer with ultra-low viscosity, high elasticity and high curing speed, good chemical resistance, good wettability, low volatility and low irritation, good adhesion to various substrates, very suitable for adjusting flexibility in highly flexible UV system, also the first choice for adjusting toughness, adhesion and viscosity.

Technical data

Appearance	Colorless or yellowish transparent liquid
Viscosity (25ºC, CPS)	10-25
Color number (APHA)	≤40
UV component (%)	100
Density (g/cm³, 25°C)	1.1 ± 0.1
Acid value (mg KOH/g)	≤2
Functional group	1

Performance

Ultra-low viscosity, low volatility, low irritation, very low odor
Excellent toughness, impact resistance, foldability
Excellent water resistance, heat resistance, good chemical resistance, good wettability
Excellent adhesion, especially to difficult-to-adhere substrates such as PET/PE and PMMA

Applications

UV adhesive, 3D UV printing, UV nail polish, UV ink, 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(25ºC) and under ventilation. 25KG/200KG/barrel

Tips: L-6103 has good adhesion to special substrates such as PMMA, PET, PE, and PP, and is very suitable for increasing adhesion in adhesives.