

L-6208 Bio-based 2-functional UV Polyurethane

Description

L-6208 is a special bio-based modified polyurethane acrylate UV resin, featuring biodegradability, environmental friendliness, fast curing, excellent flexibility, and good water resistance. It is recommended for use in environmentally demanding applications such as UV coatings, UV inks, UV texture transfer coatings, and UV bonding adhesives.

Technical Data

Appearance	Colorless or light yellow transparent liquid
Viscosity (60°C, CPS)	10000-18000
Density (25°C,g/cm³)	1.1±0.1
UV Content (%)	100
Acid Value (mg KOH/g)	≤2
Refractive Index	1.479
Shore Hardness	65A
Tensile Strength (MPa)(ASTM D882)	6.38
Elongation at Break (%) (ASTM D882)	113
Functional Group	2

Product Features

Good flexibility, excellent tensile strength, and rapid recovery

Biodegradable and environmentally friendly

Good water resistance

Applications

UV texture transfer coatings; UV plastic coatings; UV adhesives; UV inks, etc.

Storage Conditions

To prevent premature polymerization due to the high reactivity of this product, keep it tightly sealed and store away from heat sources and direct sunlight. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 20 kg / 200 kg drums.

Tips: L-6208 offers good water resistance, high resilience, and biodegradability.

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.