

L-6230 Self-curing Solid Gel UV Polyurethane

Description

L-6230 is a specially modified UV polyurethane with excellent flexibility, high tensile strength, and excellent bonding strength to various substrates. It is solid at room temperature but not tacky. It is recommended for use in structural adhesives, UV adhesives, UV setting adhesives, nail polish primers, nail polish adhesives, and heated UV coating adhesives.

Technical Data

Appearance	Viscous liquid
Viscosity (60°C, CPS)	100,000-200,000
Density (g/cm ³ , 25°C)	1.1±0.1
UV Content (%)	100
Acid Value (mg	≤2
Refractive Index	1.46
Shore Hardness	48A
Tensile Strength (MPa)(ASTM D882)	1.93
Elongation at Break (%) (ASTM D882)	470
Functional Group	2

Product Features

Excellent flexibility
Provides excellent bonding strength to various substrates
The resin solidifies at low temperatures and is non-sticky
High tensile strength and excellent weather resistance

Applications

Various UV adhesives; UV adhesives for electronic components; UV structural adhesives; UV setting adhesives; nail polish primers, 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-6230 features self-initiated curing; in nail adhesive applications, it can achieve full cure under an LED nail lamp within 20–30 seconds.

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.