

## L-6290 High Stretch UV polyurethane

### Description

L-6290 is a special modified 2-functional polyurethane with very high flexibility, fast curing rate, boiling resistance and good weather resistance. When the resin is photocured to form a 5mm thick film, it will not break when folded in half.

### Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	40,000 - 60,000
Chroma (Gardner)	≤1
UV component (%)	100
Density (25°C,g/cm <sup>3</sup> )	1.1±0.1
Acid value (mg KOH/g)	≤2
Refractive index	1.479
Shore hardness	45A
Tensile strength (MPa)(ASTM D882)	1.1
Elongation at break (%) (ASTM D882)	146
Functional group	2

### Performance

Good flexibility and good stretch resistance

Good toughness and strong tear resistance. 5mm paint film cured only with the resin does not break when folded in half.

Good boiling resistance and high temperature resistance

### Applications

Elastic UV coatings, vacuum plating UV coatings, various high tensile requirements UV coatings, UV inks, UV adhesives, UV 3D printing etc.

### Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Safe storage time is 6 months at room temperature( 25°C) and under ventilation.

This product will be packed into 20KG/200KG/barrel

**Tips: L-6290 has good stretchability, with fast reaction speed and very good toughness.**

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.