

L-6280 2-functional Polycarbonate Polyurethane

Description

L-6280 is a 2-functional polycarbonate polyurethane resin with good flexibility, fast curing rate, boiling resistance and weather resistance.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (60°C, CPS)	10,000 - 18,000
Color Value (Gardner)	≤1
UV Content (%)	100
Density (25 °C, g/cm ³)	1.1±0.1
Acid Value (mg KOH/g)	≤2
Refractive Index	1.484
Shore Hardness	82D
Tensile Strength (MPa)(ASTM D882)	22.3
Elongation at Break (%) (ASTM D882)	21.7
Functional Group	2

Product Features

Excellent thermal stability, good toughness
Outstanding resistance to boiling water and high temperatures
Superior interlayer adhesion and recoatability
Exceptional yellowing resistance

Applications

Automotive interior UV coatings; plastic UV coatings; elastic UV coatings; vacuum metallization UV coatings, 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-6280 is a liquid 2-functional polycarbon modified resin, offering excellent boiling water and high-temperature resistance, fast curing, and outstanding 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.