

L-2600FM Matte PU Resin

Description

L-2600FM is a hydroxyl-containing acrylic copolymer that has undergone special treatment. When combined with non-yellowing isocyanate at room temperature, it can be made into a two-liquid type with good construction performance, good scratch resistance, good wear resistance and excellent weather resistance. System with excellent physical and chemical properties.

Technical Data

| | |
|-----------------------|------------------------------------|
| Appearance | Slightly turbid translucent liquid |
| Viscosity (25°C, CPS) | 1,000 - 3,500 |
| Solid Content % | 50 ± 2 |
| OH Value (solid) | 80 mgKOH/g |
| OH % (solid) | 2.4 |
| Acid Value (solid) | ≤ 5 mgKOH/g |
| Solvent | Butyl acetate, xylene |

Product Features

Excellent matting property, the gloss of the resin itself is at 20-25 degrees

Good scratch resistance and good wear resistance

High weather resistance

Reference Formula

| Overcoat varnish | | Thinner | |
|------------------|-----|---------------|----|
| L-2600FM Resin | 75 | Xylene | 45 |
| T-12 (drier) | 0.1 | Ethyl Acetate | 20 |
| Butyl Ester | 17 | Butyl Acetate | 25 |
| E-1011 | 1.5 | PMA | 10 |
| Lencolo 3108 | 0.3 | | |
| Xylene | 7.6 | | |

Curing agent (N3390) : Butyl Ester = 60 : 40

Main agent : Curing agent : Thinner = 5 : 1 : 3

Applications

Premium automotive touch-up clear coats, high-gloss topcoats for motorcycles, buses, and other vehicles, as well as other high-end two-component PU scratch-resistant clear coats for metal and plastic substrates.

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: 25 kg / 200 kg per drum

Tips: L-2600FM has excellent scratch resistance, a good tactile feel, and a matte level of $\leq 5^\circ$.

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.