

L-8412B UV Polyurethane for BOPP Film

Description

L-8412B is an ethoxy-modified acrylic copolymer with unique adhesion to BOPP film, In UV varnish, topcoat varnish applications, it has performance of high gloss, high fullness and leveling, high transparency, anti-fogging, anti-blue light, anti-floating etc.

Technical Data

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|-------------------------------------|------------------------------|
| Appearance | Colorless transparent liquid |
| Viscosity (25°C, CPS) | 8,000 - 15,000 |
| Color Value (Gardner) | ≤ 1 |
| UV Content (%) | 100 |
| Density (g/cm ³ , 25°C) | 1.1 ± 0.1 |
| Acid Value (mg KOH/g) | ≤ 1 |
| Refractive Index | 1.46 |
| Shore Hardness | 65D |
| Tensile Strength (MPa)(ASTM D882) | 0.3 |
| Elongation at Break (%) (ASTM D882) | 5.6 |
| Functional Group | 2 |

Product Features

High fullness, good leveling, high gloss

High transparency

Good adhesion

Good anti-fog performance

Applications

Suitable for all kinds of UV high gloss roller coating varnishes, UV screen printing varnishes, and for adjusting adhesion properties in 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 / 25kg / 200 kg per drum

Tips: L-8412B is a resin that can improve adhesion, and it can effectively prevent blue light and color floating in UV varnish.

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.