

Matte-touch resin

Y583

Product Introduction:

Y583 is a matte-touch resin with low gloss and low viscosity. It features high cost-effectiveness, fast curing speed, and good surface feel. The cured coating exhibits good mechanical strength. It has good compatibility with other resins. The coating offers a uniform, soft matte appearance and good permeability. The pure resin, when cured with a photoinitiator, achieves an ultra-low gloss level of 5–6. It can achieve rapid curing at an energy dose of 100–150 mJ/cm².

Product Features:

- ◆ Fast curing speed & low energy requirement
- ◆ Good heat resistance
- ◆ Good permeability
- ◆ Good compatibility

Application

- ◆ UV matte coatings

Specification

200 KG/drum

Technical information

Chemical composition	Polyurethane acrylate
Active content	100%
Appearance	Colorless or yellowish translucent liquid
Viscosity / (mPa·s, 40°C)	75±10s
Functionality	2~3

Storage and shelf life

- ◆ Transportation and storage of non-hazardous chemicals
- ◆ Cool, dry and sealed storage
- ◆ Shelf life: 6 months from the date of production

This information and all further technical suggestions are based on our existing knowledge and experience. However, such information and technical advice do not mean that we should bear any debts or other legal responsibilities, including those related to existing third-party intellectual property rights, especially patent rights. In particular, we have no intention to make or imply any legal guarantee or guarantee on product attributes. We reserve the right to make any changes based on technical progress or further development. Customers are still obliged to carefully inspect and test the products they buy. The performance of the products mentioned in this statement shall be determined by tests, which shall be conducted only by qualified experts and independently by customers. Quoting trade names used by other companies does not mean recommending any products, nor does it imply that similar products cannot be used.

Guangdong Aosite New Materials Co., Ltd.

<https://uvsilicone.com/>

