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TECHNICAL DATA SHEET

UV SATIN MATT VARNISH USM156

DESCRIPTION

UV SATIN MATT VARNISH USM156 is a UV matt silkscreen varnish that gives a smooth satin matt finish. Suitable for rotary and flatbed automated silkscreen machines. Excellent matting results on metallic inks (i.e. silver and gold). This product is suitable for spot varnishing on laminating film with dyne level of > 40 dyne/cm². As the dyne level of the laminating film reduces so does the adhesion of the varnish.

FEATURES

- Fast curing
- Low foaming
- Excellent flow properties
- Good adhesion to a variety of substrates
- High scuff and abrasion resistance
- Smooth satin finish
- Low odour

PROPERTIES

- | | |
|----------------------------|-----------------------------------|
| ▪ Relative Density at 25°C | 1.17 |
| ▪ Solids Content | 98% |
| ▪ Recommended Film Weight | 4 – 12 g/m ² |
| ▪ Viscosity | 25 – 27 Sec Zahn Cup No. 4 @ 25°C |
| ▪ Gloss (60°) | 15 – 30% |
| ▪ Flashpoint | N/A |

DRYING

By means of UV curing unit.

PACKAGING AND STORAGE

Packed in 25 Kg pails or 200 Kg drums. Storage stability is six months in original, unopened containers at 20°C.

GENERAL

The components used in UV SATIN MATT VARNISH USM156 would be compliant with FDA regulations for indirect food contact.

USM156 does not contain ITX (Isopropylthioxanthone) , TAA (Titanium Acetylacetonate).

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO APRIL, 2020

