

## UV Varnish

### UV Matte OP Varnish TS

"UV Matte OP Varnish TS" UV curing matte OP varnish is used in various printing presses like offset lithographic, resin letterpress, and dry offset. This UV varnish offers the best printability among the UV Matte OP varnishes.

#### ■ Features

- ▶ It is an L Carton type matte OP varnish.
- ▶ It offers the best printability among the UV matte OP varnishes and deters piling on plate and blanket.
- ▶ Its excellent printability comes at the expense of matte finish in that it provides inferior matte finish than other types.
- ▶ Like "UV Matte OP Varnish AT", it dries rapidly.
- ▶ Cannot be used for overprinting on oil-based inks.

#### ■ Properties

Tack Value	Flow Value (D <sub>60</sub> )	Slide Angle (Printed material)	Gloss Value
4.5 ± 0.2	38 ± 3 mm	20° or so	15

Tack Value: Ink-O-Meter, Water temperature 38°C, 1 minute value, 400rpm.

Flow Value: Spread-O-Meter, Room temperature 25°C, spread diameter after 1 minute.

Slide angle and gloss value vary depending on drying condition, stock, and ink used for underlying layer.

#### ■ Handling Instructions

- ▶ Pay attention to excessive application of UV matte OP varnish. Less the amount of varnish applied the better the matte finish is.
- ▶ Sometimes sufficient matte finish is not achieved when on-wet printing is used for under-print inks. In such cases first UV cure the under-print ink and then apply matte OP varnish.
- ▶ It cannot be used when oil-based inks are used for under-print.
- ▶ Slip property varies depending on conditions like paper quality, curing, and humidity.
- ▶ It can also be used as a "UV L Carton" type matte medium.



印刷インキ工業連合会

2007/04/01 No.W-1

- ▶ The data contained herein are based on the results of the tests conducted in accordance with the in-house test methods, and are not standard values. Always conduct pre-use tests to ascertain the suitability of the product to your requirements. Nothing contained herein is to be construed as a recommendation for use in violation of any patents, applicable laws or regulations. It is the responsibility of the user to comply in all respects with applicable laws and regulations.
- ▶ Owing to product improvement the information contained herein may be modified without any prior notice.
- ▶ Make sure to read MSDS thoroughly before using the product.