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TECHNICAL DATA SHEET

UV DISTELL SATIN VARNISH UVRM 20

DESCRIPTION

UV DISTELL SATIN VARNISH UVRM20 is a satin matt UV overprint varnish for paper and board designed to provide a low odour and low gloss finish for Bag in Box (BiB) and carton work. UVRM20 is suitable for roller coating application in-line on wet UV inks or off-line on dry conventional inks.

FEATURES

- Satin Matt finish
- Low odour
- High scuff and abrasion resistance
- Good adhesion to a variety of substrates
- Good sealing properties
- Excellent slip
- Low foaming

PROPERTIES

- | | |
|---------------------------|-----------------------------|
| ▪ Cure Speed (80W) | 56 m/min |
| ▪ Relative Density @ 25°C | 1.17±0.01 |
| ▪ Viscosity | 14 – 16 Sec Zahn Cup No.4 |
| ▪ Solid Content | 100% |
| ▪ Recommended Film Weight | 3 – 5 g/m ² |
| ▪ Gloss @ 60°C | 30 – 40% (Valkraft board) |
| ▪ Flashpoint | N/A |
| ▪ Angle of Slide | 13 – 16° (Coating to metal) |

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

UVRM20 does not contain ITX (Isopropylthioxanthone) or TAA (Titanium Acetylacetonate)

The raw materials used in UVRM20 are acceptable for use under EU regulations governing hazardous materials for the packaging industry. UVRM20 is not toxic but will cause taint and odour problems if in direct contact with foodstuffs, especially those of a high fat content. Therefore UVRM20 should be used only in applications where the varnish does not come into direct contact with food.

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR FEBRUARY, 2020

