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TECHNICAL DATA SHEET

UV ROLLER GLOSS VR521

DESCRIPTION

UV ROLLER GLOSS VR521 is a gloss UV overprint varnish for paper and board designed to provide a high gloss and yield finish for food & label packaging. VR521 is suitable for roller coating application in-line on wet UV inks or off-line on dry conventional inks.

FEATURES

- High slip
- Low foaming
- Outstanding mileage
- High scuff and abrasion resistance
- Good adhesion to a variety of substrates
- Acceptable odour levels
- Excellent gloss
- Fast curing

PROPERTIES

- | | |
|---------------------------|-----------------------------|
| ▪ Cure Speed (80W) | 74 m/min |
| ▪ Relative Density @ 25°C | 1.015 |
| ▪ Viscosity | 37 Sec Zahn Cup No.2 @ 25°C |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | 3 – 5 g/m ² |
| ▪ Gloss @ 60° | Not < 90% on Valkraft board |
| ▪ Angle of Slide | 14 – 18° |
| ▪ Foaming Test | < 20 % |
| ▪ 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

VR521 does not contain ITX (Isopropylthioxanthone) or TAA (Titanium Acetylacetonate).

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO APRIL, 2020

