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TECHNICAL DATA SHEET

RADCOAT UV ROLLERGLOSS VR540

DESCRIPTION

RADCOAT UV ROLLER GLOSS VR540 is a very fast curing gloss UV overprint varnish for paper and board designed to provide a high gloss and yield finish for food & label packaging. VR540 has been specifically formulated for in-line double coaters as the topcoat.

FEATURES

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

PROPERTIES

- | | |
|---------------------------|------------------------------|
| ▪ Cure Speed (80W) | 140 m/min |
| ▪ Relative Density @ 25°C | 1.015 |
| ▪ Viscosity | 11 Sec. Zahn Cup No.4 @ 25°C |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | 3 – 5 g/m ² |
| ▪ Gloss @ 60° | Not < 92 % (Valkraft board) |
| ▪ Angle of Slide | > 25° |
| ▪ 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

VR540 does not contain ITX (Isopropylthioxanthone) or TAA (Titanium Acetylacetonate).

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO FEBRUARY, 2020

