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TECHNICAL DATA SHEET

RADCOAT LOLM ANTI-STATIC VARNISH VR2136

DESCRIPTION

RADCOAT LOLM ANTISTATIC VARNISH VR2136 is a UV-curable, high gloss, low odour and low migration, scuff-resistant coating specifically formulated for rollercoat application to pearlized polypropylene film for beverage labels. VR2136 has been specially formulated with a low co-efficient of friction to avoid the build-up of static charges during the labelling process.

FEATURES

- High gloss
- Low migration
- Very low taint and odour
- Low co-efficient of friction
- High scuff and abrasion resistance
- Good adhesion to a variety of substrates
- Excellent flow and leveling
- Fast curing speeds
- Low foaming
- Water white

PROPERTIES

- | | |
|---------------------------|-----------------------------|
| ▪ Cure Speed (80W) | 92 m/min |
| ▪ Relative Density @ 25°C | 1.08 |
| ▪ Viscosity | 12 – 13 Sec Zahn 4 @ 25°C |
| ▪ Angle of Slide | 30 – 35° coating-to-coating |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | 3 – 6 g/m ² |
| ▪ Gloss @ 60° | > 90 % on Valkraft Board |
| ▪ Flashpoint | N/A |

DRYING

By means of a UV Curing Unit.

PACKAGING AND STORAGE

Packed in 25 Kg pails or 200 Kg drums. Storage stability is six months in original, unopened drums at 20° C and out of direct sunlight.

GENERAL

VR2136 does not contain ITX (Isopropylthioxanthone) or TAA (Titanium Acetylacetonate).

The raw materials used in VR2136 are acceptable for use under EU regulations governing hazardous materials for the packaging industry. VR2136 is not toxic but will cause taint and odour problems if in direct contact with foodstuffs, especially those of a high fat content. Therefore, VR2136 should be used only in applications where the varnish does not come into direct contact with food.

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO DECEMBER, 2020

