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TECHNICAL DATA SHEET

RADCOAT IML VARNISH VR2119

DESCRIPTION

RadCoat IML Varnish VR2119 is a gloss UV overprint varnish specifically formulated for in-mold applied BOPP co-extruded White voided film Wrap-Around labels cured via an integrated UV curing unit.

FEATURES

- Fast curing
- Low foaming
- Outstanding mileage
- High scuff and abrasion resistance
- Good adhesion to BOPP
- Acceptable odour levels
- Gloss varnish
- Excellent slip

PROPERTIES

- | | |
|---------------------------|----------------------------------|
| ▪ Cure Speed (80W) | 150 m/min |
| ▪ Relative Density @ 25°C | 1.10 |
| ▪ Viscosity | 35 – 37 Sec Zahn Cup No.4 @ 25°C |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | 3 – 5 g/m ² |
| ▪ Gloss @ 60° | >90 % (Valkraft board) |
| ▪ Angle of Slide | < 15° |
| ▪ Foaming Test | < 25% |
| ▪ 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

The components used in RadCoat IML Varnish VR2119 would be compliant with FDA regulations for indirect food contact.

VR2119 does not contain ITX (Isopropylthioxanthone) or TAA (Titanium Acetylacetonate).

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO APRIL, 2020

