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TECHNICAL DATA SHEET

UV HI-GLOSS VARNISH VR415

DESCRIPTION

UV HI-GLOSS VARNISH VR415 is a gloss UV overprint varnish for paper and board designed to provide a high gloss and yield finish for food & label packaging. VR415 is suitable for roller coating application in-line on wet UV inks or off-line on dry conventional inks.

FEATURES

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

PROPERTIES

▪ Cure Speed (80W)	66 m/min
▪ Relative Density @ 25°C	1.015
▪ Viscosity	24 – 25 Sec. Zahn Cup No.4 @ 25°C
▪ Solids Content	100%
▪ Recommended Film Weight	3 – 5 g/m ²
▪ Gloss @ 60°	Not < 90% on Valkraft Board)
▪ Angle of Slide	15 – 18° (Coating to metal)
▪ 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

The components used in UV HI-GLOSS VARNISH VR415 would be compliant with FDA regulations for indirect food contact.

VR415 does not contain ITX (Isopropylthioxanthone) , TAA (Titanium Acetylacetonate).

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO FEBRUARY, 2020

