

OMEGA-UVG-200

Technical Sheet - TDS



United States
Coating

GENERAL CHARACTERISTICS

DESCRIPTION

OMEGA-UVG-200 is UV high gloss varnish applied to stick labels, book covers, post cards, and other paper products. It may be applied both over the paper stock and over dry conventional IR or UV .cured litho inks.It is 100% solid content.

U.V. Curable Overprint Varnish for
Paper and Board

SUGGESTED APPLICATIONS

Packaging • Label • Magazine • Package paper • Book covers

PERFORMANCE HIGHLIGHTS

Fast cure speed • Good flexibility • Anti-nail scratch
Good solvent resistance

SPECIFICATIONS

APPEARANCE (25°C)

Yellow Liquid

VISCOSITY (CPS AT 25°C)

(Brookfield,LVF,No2X60rpm)
180 ~ 220

COLOR(GARDNER 25°C)

≤3

COATING PROCESS

COATING METHOD Roller Coating

UV CURE SPEED 80 mJ/cm²

STORAGE

Stay away from heat and sunlights to prevent spontaneous polymerization. The shelf life under normal condition (store below 25°C,dry & cool room) is 12 months max.

TYPICAL CURED PROPERTIES

GLOSS(60°C,WET THICKNESS:14UM) >95

FINGER NAIL TEST PASS

PRESENTATIONS



Plastic pail,
44 Lb net.



Steel
drum,440Lb
net.

INTENDED USES



CAUTIONS

OMEGA-UVG-200 should be handled with care. Avoid skin, eyes and clothing contact. Rubber gloves are required when handle with this product. Please refer to the material safety data sheet to further details.

OMEGA-UVG-200 is not suitable for all sorts of type papers, please test it each time before using it for production.



IMPORTANT

This information is provided with the best of our knowledge and experience. Due to the fact that the usage of this product is not under control of United States Coating ®, users are responsible for decisions on the safe use of a specific product or its application.