

DC UV-2573

Benzophenone-Free, Controlled COF, Gloss OPV

DC UV-2573 is a 100% solids, UV curable overprint varnish (OPV) designed to impart a glossy finish and protection to printed paper and board substrates. When cured, OPV is flexible, exhibits low curling and odor, and produces a smooth feel to the touch. Additionally, DC UV-2573 displays excellent scuff, rub, and abrasion resistance as well as controlled COF properties.

Typical Properties

Viscosity RVT #3 @ 20 rpm	640 ± 150 cps
Weight per gallon	8.8 – 9.0 lbs
Color Before Curing	Hazy, light tan
Benzophenone-Free	Yes
Optical Brightener	Included
Shelf Life	12 months after manufacture date

Cured Product Properties on 60# Semi-Gloss Paper

Recommended Cure Conditions	H Bulb: 300 W/in at 50-100 ft/min
Appearance After Curing	Glossy, colorless
60° Gloss	>75
Sutherland Double Rubs	100+ with 2# weight
Slide Angle	10° - 25°
Static COF	0.14 – 0.22
Kinetic COF	0.12 – 0.20

Application Information

Application Method	Flexographic Offset gravure
Recommended Coating Weight	1.6 – 6.4 g/m ²
Packaging	Pails and drums
Cleanup	Organic solvents

Handling & Storage

Under normal conditions, product is stable for 12 months in an unopened container. Store drums in dry areas and keep them tightly covered to prevent contamination. Do not mix with any other products.

Safety Precautions

Consult Material Safety Data Sheet for hazardous ingredients, disposal methods and related handling information. Use product with adequate ventilation and avoid breathing vapors. Take precautions against eye and skin contact with the uncured adhesive to prevent irritation.

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