DYNA-TECH ADHESIVES

Solutions for Adhesives and Coatings

TECHNICAL DATA SHEET

DC EB-3312

Tactile Effect Overprint Varnish

DC EB-3312 is a 100% solids, EB curable overprint varnish (OPV) designed to introduce special visual and tactile effects when incorporated in patterned printing. This OPV adheres to porous substrates such as paper and paperboard (printed or unprinted) as well as plastic films. In addition to providing a tactile pattern, DC EB-3312 contains low migration components, cures at high speeds, has low odor, and possesses excellent mechanical resistance.

Typical Properties	
Viscosity RVT #3 @ 20 rpm	625 ± 150 cps
Weight per gallon	9.3
Color Before Curing	Translucent, off-white
Benzophenone-Free	Yes
Optical Brightener	Included
Shelf Life	12 months after manufacture date

Application Information	
Application Method	Flexograghic Offset gravure Roll coater Rotary screen
Recommended Coating Weight	4.0 ± 1.0 g/m^2
Packaging	Pails and drums
Cleanup	Organic solvents

Cured Product Properties on Printed SBS Board	
Recommended Cure Conditions (E-Beam)	110 V, 26 kGy or 2.6 Mrad 200 ppm O_2, 50 ft/min
Appearance After Curing	Colorless, transparent
60° Gloss	65+
Slide Angle	13 - 28º
Static COF	0.15 – 0.30
Kinetic COF	0.12 – 0.24
Scuff Resistance*	No ink transfer

*After 100 Sutherland rubs with 4 lb weight

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 Safety Data Sheet for hazardous ingredients, disposal methods and related handling information. Use product with adequate ventilation and avoid breathing vapors. Take precautions against skin contact with the molten adhesive to prevent serious burns.

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