

COATING LUV5740 Release UV FCM

Galaxy Coating LUV5740 is a radical curing UV varnish with a high reactivity to cure with LED technology (395nm, 385nm and 365nm). The coating can be used in inline applications over UV inks. In the fully cured print the coating shows very low odour. LUV5740 is formulated for food packaging according EC 1935/2004, when migration testing is carried out by the end user. Compliant with Nestlé list 10-2018, Swiss Ordinance for Food Packaging and EuPIA recommendations. Does not contain Bisphenol A.

Application: Recommended coating weight 3 – 6 grms/m² (dry)
 Suitable for plastics, paper (> 115grms) and board
 Designed with special additives for release and slip properties
 Suitable for conventional 2-roller system, anilox.



Use: Use solvent and alkali resistant inks
 Press ready
 Optimal properties obtained 24hrs after printing
 Suitable for use in food packaging industry, sensitive packaging applications, appropriate migration tests are recommended for full suitability

| | | | |
|-------------------------|--------------------|---|----------------------------------|
| Performance key: | Gloss | 8 | 1 matt – 10 highest gloss |
| | Cure speed | 5 | |
| | Slip | 5 | |
| | Rub resistance | 5 | |
| | Block resistance | 5 | |
| | Glueability | 1 | Specific films to be tested |
| | Solvent resistance | 4 | Specific conditions to be tested |

** 1 (Slow / Low) – 5 (Fast / High) **

| | | | |
|---------------------------|------------------|------------------------|----------|
| Typical constants: | Viscosity | 75 secs DIN4 @ 25°C | ± 10 sec |
| | Specific gravity | 1.10 g/cm ³ | ± 0.05 |
| | Appearance | Brownish, hazy liquid | |

Storage conditions: Store away from excessive heat, out of direct sunlight and in closed packaging. Preferred conditions between 15 - 20°C

Cleaning: Use a proper UV-wash, UV-Wash UV4000-IQ-S

Shelf lifetime: In unopened, original packaging, 8 months from manufacturing date

Version: 01-2012

The information provided in this technical data sheet is to inform our customers. A successful application depends on a variety of different factors. Therefore the advice given in this technical data sheet cannot be used as basis for claims. Our recommendation is where possible to perform tests before entering production runs.