

Technical data sheet

WESSCO® LM 2820 UV Raised Coating Gloss

UV curing under conditions atmospheric.
Solvent-free UV coating high gloss for finishing of print products.

Low migration, suitable for the outside of food and other sensitive packaging, in compliance with legal requirements and guidelines (GMP).

Applications

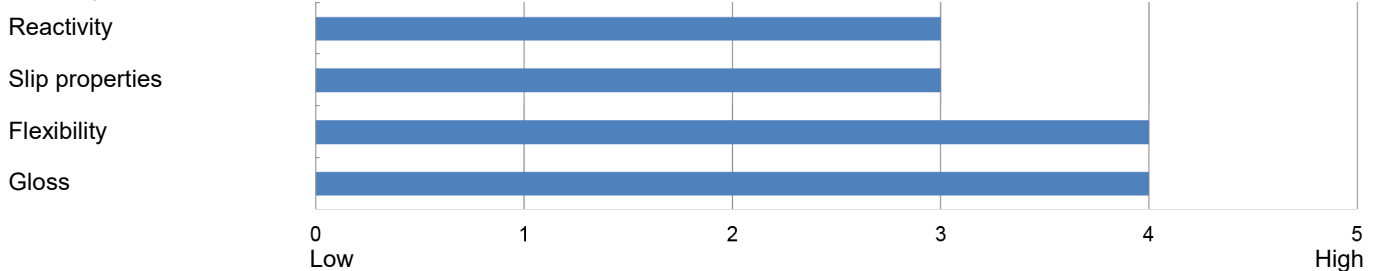
Commercial printing
 Labels
 Packagings

Substrates

Paper
 Board
 Plastic film

Physical-technical key figures

Flash point > 100 °C
Viscosity DIN 4 23°C [SRAG 2V05] 90 - 110 s



Product features

- Low odour
- Colourless
- Light-sensitive
- Heat-sensitive
- Solvent-free

Coating film properties

- Closed film, gloss
- Low odour
- Glueable
- Suitable for hot foil stamping
- Immediate converting / finishing

Preparation for coating

- Stir up the coating well
- Check the cleanness of the machines
- Impurities may cause migration of foreign substances into the package contents.

Application method

Flexographic printing
 Inline
 Offline

Machine speed

Must be adapted to the number, power and condition of UV lamps and substrate to ensure full curing of the coating film.

Drying / Curing

The curing result may vary depending on the substrate and the condition of the UV curing unit. An uncured film may lead to migration of substances into the package contents. Curing must be checked regularly!

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Cleaning

Clean the machine and other equipment with acetate or alcohol after use. Product residues must be disposed of properly in accordance with the applicable regulations.

Stacking properties

Check the pile in the delivery regularly to assess the degree of curing, the temperature and the flatness of the sheets.

Converting

Can be used in scoring and creasing depending on printing material. Immediate further processing possible. Do not print the adhesive joint. We strongly recommend doing preliminary tests.

Storage and transport

Please note the appropriate safety data sheet according to 1907/2006/EC, in particular chapter 7. With regard to transport, please refer to the relevant MSDS in accordance to 1907/2006/EC, especially Section 14 Transport information.

Shelf Life

12 months stored between 5°C und 35°C, detailed informationen see chapter 7.2 of the safety data sheet.

Safety measures

Please note the appropriate safety data sheet according to 1907/2006/EC and the warnings on the containers!

Remarks

Note the references to General technical information on WESSCO® overprint coatings!

The information herein represents the current state of our knowledge. We do not accept liability for errors or omissions.

Due to the large number of applications and processing methods, it is essential that our products be tested by customers before use.