

101735 UV EDGE BENDING HIGH GLOSS 81378

Product Information

101735 is a UV curable coating suitable for roller coater applications. The product is suitable for PVC, it will provide a high gloss with a smooth surface and high scratch resistance. The product has anti-yellowing properties as well as good elasticity

Typical End Use

PVC

Typical Properties

Low Viscosity, Solvent Free, can be further processed immediately.

Technical Data

Viscosity @ 22°C Ford Cup	60 – 70 sec
Reactivity with 120 W/cm ² Lamp	120mj/cm ²
Solid Content	97 - 100%

Liquid Appearance	Clear
Odor	Typical
Cured Appearance	Clear film
Gloss	95+ at 60° Reflection

Recommended Application

This coating is designed to be applied through roller coater. Recommended application is approximately 1-8 gr/m² in order to get the optimal performance.

Processing

Stir properly for longer time under high shear, making sure that equipment is clean in order to avoid contamination from other materials.

Equipment and Drying

This ink is designed to be cured at 120 mj/cm² with an UV Integrator of Kühnast (Serial number: U 10688). If another supplier is used, the value has to be scaled against our Kühnast UV Integrator. Substrate may also have an effect on cure speed. Always test the product for compatibility, substrates and for sufficient cure before general use.

Cleaning

Appliance and other equipment can be cleaned with alcohol or other UV cleaning products.

Shelf Life and Storage Conditions

UV Products must be stored tightly closed, away from sunlight. The optimal storage temperature is between 5°C and 35°C. UV Products are packaged leaving sufficient air space to prevent accidental polymerization of the product. NORMAL STORAGE DURATION: 1 year

Safety

UV Products are generally considered to be non-toxicological. However during handling and use the user should avoid inhalation of vapors as well as direct eye or skin contact. UV products can be an irritant to skin and eyes, wash immediately with soap and water if there is direct contact. Protective eyewear and latex gloves are recommended while using this product. Consult the SDS for additional handling and safety information.

Packaging

This product is available in:
20 KG pails
200 KG Iron Drums
1000 KG IBC

Transportation

Non-dangerous goods. Can be transported in freezing temperatures but product should be brought to room temperature prior to use.

Disclaimer:

The statements listed on this publication are according to our best knowledge. The statements do not exonerate the user from their own responsibility to determine that our products are suitable for their processes. They are intended to inform and advise and are subject to influence from the technical process.
This edition of May 4, 2023 replaces all previous editions. With the present edition all older editions are null and void.

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