

OPV 178GEL

PRODUCT DESCRIPTION

OPV 178GEL is an UV cured over print vanish for paper printing. It exhibits **excellent gloss**, flexibility, and anti-scratch performance. It is specifically designed for printing requirements with **LOW ODOR**. It also has very good adhesion on most of paper, board, and box substrates.

APPLICATION INFORMATION

For **high-gloss** coating of paper, cardboard and various boxes. The range of applications can be: labels of all kinds, postcards, record wrappers, posters, book jackets, playing cards and menu cards, folding and package boxes.

WET PROPERTIES

Appearance	Light Amber
Viscosity (CPS at 25°C)	200 (+/-50)
Viscosity (DIN #4 Cup)	50
Solid Content	82-85%
Gloss Level	>90% at 60°
Specific Gravity	1.05
Resin Type	Epoxy Acrylate
Spread Rate	3-12g/m ²
Odor	None
Yellowing	Low

DRYING / CURING INFO

UV Lamp Spec. 80-82W/cm or 200W/in	
With 1 UV Lamp	25M/min
With 2 UV Lamps	50M/min
With 3 UV Lamps	75M/min
<i>* dependent of film thickness</i>	
Curing Speed 100mj/cm²	
Major UV wave-length	
Between 254 – 300nm	

STORAGE & HANDLING

This product should be stored in a cool place (below 40°C) away from direct sunlight. The containers should be kept sealed and if opened should be resealed tightly. This material is best when used within 1 year of the production. Additional information is contained within the MSDS (Material Safety Data Sheet).

CLEANING AGENTS

Ethanol, Iso-propanol, Acetone, MEK, Ethylacetate, etc. **DO NOT CLEAN WITH WATER!**

PRECAUTIONS

The toxicological properties of this product have not been fully determined. It can be expected to be eye and skin irritants and have the potential to cause allergic responses. Avoid direct exposure to the eyes and skin. See MSDS (Material Safety Data Sheet) for emergency and first-aid procedure.

PACKING

200KG / Metal Drum; 20KG / Plastic Pail

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.