

ABchimie9030 UV is a one component resin, especially developed for PET plastic. It can be applied until 2mm deposit. Its curing is immediate with UV radiation.

CHARACTERISTICS

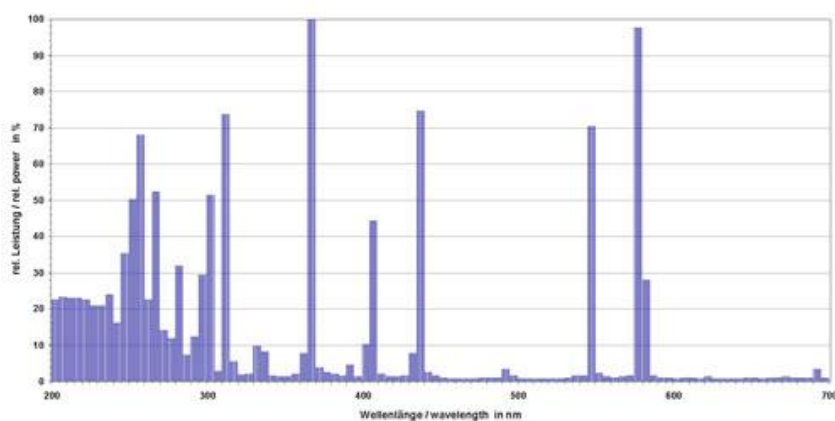
- Excellent adhesion on many substrates (including soft PET substract)
- Transparent resin
- No VOC
- Very fast curing under UV exposure
- High speed process, increase of the productivity.

DRYING TIMES AND CURING CONDITIONS

ABchimie9030 UV cures with UV technology.

UV Curing:

It is important to use the appropriate UV equipment, as well as the parameters recommended to obtain the optimal properties of the ABchimie9030 UV. The advised equipment is a **mercury lamp**.



Emission spectrum of mercury lamp (UV between 200 and 400nm)

CURE TIME

<1 sec

Hg Lamp (Miniterm UV 250f Super, Aeroterm), 120W/cm, joint de 0,200mm

MINIMUM UVA Dose (for 2mm)

1500mJ/cm² UVA

The UV dose given is a minimum to guarantee a good curing of varnish. A higher dose of UV or a overexposure will not damaged the product.

A slight residual tack can appear. It disappears a few minutes after passing under the lamp.

LIQUID PROPERTIES:

Base	Acrylate
Color	Transparent
Viscosity (@ 25 °C)	30 000 mPa.s
Shelf life	12 months
Non-volatile residue	100%

CURED PROPERTIES:

Aspect	Transparent
Adhesion of PET substrat	Excellent

ABchimie 9030 UV is compliant with REACH and RoHS regulations. If you want a certificate, please contact us (info@abchimie.com).

PACKAGING:

Resin ABchimie9030 UV

Syringe	ABchimie 9030 UV S30
Bulk 1kg	ABchimie 9030 UV 01K
Bulk 5kg	ABchimie 9030 UV 05K
Bulk 20kg	ABchimie 9030 UV 20K

Cleaner (for uncured material)

Bulk 5 litres	SND 05 L
Bulk 5 litres	DNS 05 L

STORAGE AND SHELF LIFE :

ABchimie9030 UV resin must be store in a dark container and closed. ABchimie9030 UV mustn't be exposed at UV light.

In any case, please refer to MSDS for good storage conditions.

Storage temperature: 5 to 30°C

A temporary lower or higher temperature (maximum 40°C) during few days (transport) doesn't distort resin properties.

In any case, please refer to MSDS for good storage conditions.

Date by use: 12 months after the date of manufacturing, protected from light, in original closed packaging.

All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification. ABchimie cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.