

TECHNICAL DATA SHEET

ABchimie6025UV T

July 2016

Transparent thixotropic soft resin, curing by UV

PRODUCT DESCRIPTION

The resin ABchimie6025UV T is a soft transparent resin. It adheres on many substrates, especially plastics. Its softness allows it to absorb shocks. The curing is immediate with UV radiations. The resin thixotropy allows a high thickness deposit (to 4mm).

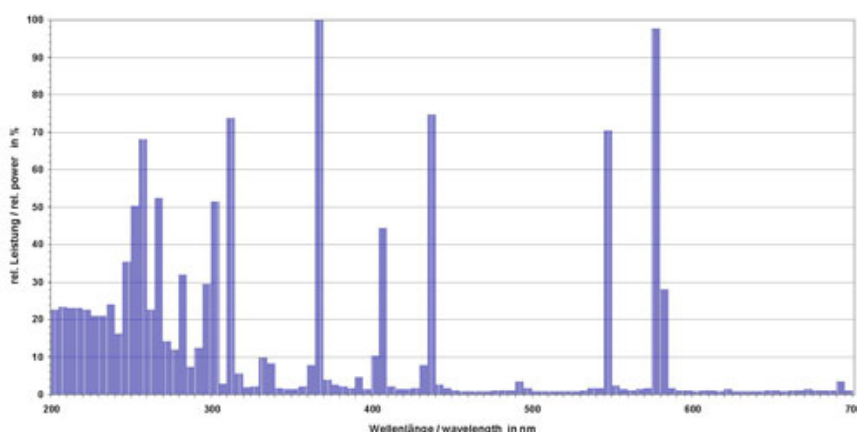
MAIN CHARACTERISTICS

- Soft resin with memory effect,
- Easy deposit with thixotropic resin
- Excellente adherence on flexible substrates (plastics),
- No VOC,
- Immediate curing with UV exposition,
- Space ground reduced compared with solvent bases,
- High speed process, increase of the productivity.

CURING

The resin ABchimie6025UV T cures with UV rays. It is important to use the appropriate equipment, as well as the recommended settings for the best properties of the resin ABchimie6025UV T:

The advised equipment is a **mercury lamp**.



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

Minimum UVA dose : **1500mJ/cm²** , for a 1mm-thickness

The UVA dose is a **minimale dose**. The intensity depends of lamp powerfull, distance of lampe... and may be increase by a longer exposition time. A higher UVA dose has not negative effect on product.

The resin ABchimie6025UV T has a light tack on surface, due to its soft nature.

PROPERTIES

Liquid resin ABchimie6025UV T

Nature	Acrylic
Aspect	Thixotropic liquid
Colour	Transparent
No volatil residu	100%
Flash point	> 100°C

Cured Resin ABchimie6025UV T

Aspect	Transparent
Hardness (shore)	A55

ABchimie6025UV T is in compliance with REACH and RoHS regulations. A certificate may be sent on request (info@abchimie.com).

CONDITIONNING

Resin ABchimie6025UV T

Syringe 30CC
1 kg
5 kg

Cleaner SND

Bidon 5 liters

REFERENCES

ABchimie6025UV T 30G
ABchimie6025UV T 01KG
ABchimie6025UV T 05KG

SND 05L

STORAGE AND DATE OF USE:

The resin ABchimie6025UV T must be stored in a dark container, apart from hot temperatures (less than 40°C).

The resin ABchimie6025UV T cures with UV radiations so it must not be exposed to any light source.

Storage temperature : 5 to 30°C

A short stay at a lower temperature (especially during transport) will not damage product's properties. In all cases, refer to the safety data sheet to ensure good storage conditions.

Date of use : 12 months after manufacturing.

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.