

Vitralit® UD 5134 is for Bonding /sealing /potting of plastics, glass, metal or FR4, protection of sensitive components against mechanical and environmental stress. It is highly filled, high strength, low thermal expansion coefficient, low shrinkage and dry surface after curing. It is very quick curing and good temperature resistance.

Shelf life:

Store in original, unopened containers for 3 months at max. 25°C

Technical Data

Color grey
 Resin Acrylat-Hybrid

UNCURED PROPERTIES

Viscosity(25 °C / Brookfield LVT /Sp. / UPM)	PE-Norm P001	15000 to 25000
Flash point [°C]	PE-Norm P050	> 100
Density [g/cm³]	PE-Norm P051	approx. 1.27

Curing

UV(UV-A 40mW/cm²): [sec.]	PE-Norm P002	10
Visible Light () :[sec.]	PE-Norm P037	10
Thermal Curing 125°C :[Min]	PE-Norm P035	60
Full Strength [hours]	PE-Norm P032	12
Depth of Cure [mm]	PE-Norm P033	5

CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-20 to 120
Hardness Shore D	PE-Norm P052	70 to 85
Water Absorption [Gew-%]	PE-Norm P053	< 0,15

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the intended user and describes characteristics, with no declaration of commitment. We recommend trials in order to confirm that our products satisfy the particular application requirements. For an additional technical consultation, please contact our RD department. In general, for guarantee claims, please refer to our standard terms and conditions.

**Adhesives
and more...**

Mechanical Data

Elongation at Break [%]

[PE-Norm P060]

approx. 9

Instructions for Use

Surface Preparation

The surfaces to be adhered should be free of dust, oil, fat or any other dirt in order to optimise reproducible bonds. Lightly soiled surfaces can be cleaned with cleaner IP, whereas substrates with low surface energy (such as polyethylene, polypropylene or Teflon) need to be treated physically using plasma or corona to create a suitable working surface. For glass bonding applications we have developed a special primer pen which can be easily applied to prepare the surface for best results.

Application

Our products are delivered ready for use. As soon as you receive them, you can dispense them, be it by hand from the container, or semi/fully automatically. When applied automatically, we recommend the use of air pressure with the appropriate cartridge/piston combination to dispense the adhesive at the required speed and accuracy. If help is required, please consult our engineering department

Please read the corresponding **Safety Data Sheet** for this product.

Adhesives
and more...