

Vitralit 5607 is a chip bonding adhesive, ideal for bonding chips before soldering process. Thanks a short curing time, it is easily applicable in fully automatic or manual processes. Through a coloration, a continuous control is guaranteed. Adhesion on any commercial material or component is excellent.

Application for following processes is without any problem:

Dispensing, screen printing, needle transfer ...

Vitralit 5607 is a one component, which cures in shorter time in a curing combination. The first stage is UV light curing in seconds, then, thermal post curing occurs in few minutes.

Technical Data

Color	red
Resin	acrylat

UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [Pa*s]	PE-Norm P001	1000 to 2000
Flash point [°C]	PE-Norm P050	> 100
Density [g/cm³]	PE-Norm P051	approx. 1.1

Curing

UV(UV-A 60mW/cm² Thickn.st. 1mm): [sec.]	PE-Norm P002	10
Thermal Curing 150°C :[Min]	PE-Norm P035	5
Full Strength [hours]	PE-Norm P032	after 24
Depth of Cure [mm]	PE-Norm P033	3

CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-40 to 150
Hardness Shore D	PE-Norm P052	75 to 90
Shrinkage [Vol-%]	PE-Norm P031	2.1
TG DSC [°C]	PE-Norm P009	40 to 60
Thermal Expansion [ppm/K]	PE-Norm P017	65
Dielectric Constant [10kHz]	PE-Norm P054	6.2
Thermal conductivity [W/mK]	ASTM 1530	0,35

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the tended 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...