

Structalit 5800 is a nonfilled 2K-Epoxy adhesive for universal using.

Depending on the area for use it can be hardened thermal or in room temperature.

The formula is 1:1. Conspicuous is the versatile possibility for us and the high temperature resistance.

Technical Data

Color	transparent
Resin	2K-Epoxy
Filler	no Filler

UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [mPa*s]	PE-Norm P001	7000 to 15000
Flash point [°C]	PE-Norm P050	> 97
Pot-Life [min.]	PE-Norm P019	approx. 30
Density [g/cm³]	PE-Norm P051	approx. 1.1

Thermal Curing

24 hours at	23 °C
15 minutes at	120 °C
5 minutes at	150 °C
45 minutes at	80 °C

CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-40 to 200
Hardness Shore D	PE-Norm P052	75 to 80
Water Absorption [Gew-%]	PE-Norm P053	< 0,5
TG DSC [°C]	PE-Norm P009	34 to 50
Thermal Expansion [ppm/K]	PE-Norm P017	60
Dielectric Constant [10kHz]	PE-Norm P054	3.5

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...



TECHNICAL DATASHEET

Structalit® 5800

Mechanical Data

Lap Shear Strength (Alu/Alu) [MPa]

[PE-Norm P013] approx. 5,3

Lap Shear Strength (Stahl/Stahl) [MPa]

[PE-Norm P013] approx. 13,1

Lap Shear Strength (Messing) [MPa]

[PE-Norm P013] approx. 8,5

Kleben
und mehr...

XP.08.81

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As a rule, the guidelines for application, storage and so on contained in our general Data Sheet on Structalit® apply.

08.09.2008 / 15.07.2009
GUILBOT