

Structalit® 5830 is one elastomer-modified 1K-epoxid adhesive with a very good adhesion on Metal.

It is used particularly for high requirements at impact strength, flexural strength and peel strength.

The product has a shelf life of 6 months, if stored at 5°C. Structalit® 5830 tends to crystallize, a process that can easily be reversed at 40°C for 1 hour.

Technical Data

Color	yellow
Resin	1K-Epoxy

UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [mPa*s]	PE-Norm P001	28000 to 38000
Flash point [°C]	PE-Norm P050	> 100
Density [g/cm³]	PE-Norm P051	approx. 1.16

Thermal Curing

30 minutes at	130 °C
15 minutes at	150 °C

CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-40 to 200
Hardness Shore D	PE-Norm P052	65 to 75
Water Absorption [Gew-%]	PE-Norm P053	< 0,45
TG DSC [°C]	PE-Norm P009	78 to 86

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® 5830

Mechanical Data

Lap Shear Strength (Stahl/Stahl) [MPa]

[PE-Norm P013] approx. 16,5

Lap Shear Strength (Alu/Alu) [MPa]

[PE-Norm P013] approx. 12,8

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.

10.02.2009 / 15.07.2009
GUILBOT