BUILDING TRUST

PRODUCT DATA SHEET

SikaBlock® PROLAB 65 N

POLYURETHANE MODEL BOARD

APPLICATIONS

- Data control models and cubings
- Master models and negatives
- Vacuum forming molds for lower number of pieces

MAIN PROPERTIES

- Very dense fine surface
- Easy to seal and to varnish
- Easy machinability
- Low dust formation when milled
- High dimensional stability
- Good compressive strength and edge stability
- Good heat distortion temperature

DESCRIPTION

Basis	Polyurethane, brown

PHYSICAL PROPERTIES

(approx. values)

Density	ISO 845	g/cm³	0.78
Shore hardness	ISO 868	D	65
Flexural strength	ISO 178	MPa	30
Flexural modulus	ISO 178	MPa	1,100
Heat distortion temperature	ISO 75 B	°C	90
Glass transition temperature (Tg)	ISO 11359	°C	90
Linear thermal expansion coefficient α_T	DIN 53 752	K^{-1}	64 x 10^{-6}

PROCESSING DATA

- The material and processing temperature shall be between 18 °C and 25 °C.
- If the boards need to be bonded, make sure that the surfaces are clean, dry and free of grease or oil.
- For bonding SikaBlock® PROLAB 65 N together use SikaBiresin® B260 or another suitable adhesive.
- For further information regarding the adhesive and bonding process consult the corresponding Product Data Sheet.
- SikaBlock® PROLAB 65 N can be easily machined by milling, drilling, sawing or modified manually. It is recommended to use high performance tools to machine these boards.
- For milling parameters check information from cutting tool manufacturers or get the General Guideline “Milling parameters for SikaBlock®” for more general information.

PACKAGING UNITS

- Board: **SikaBlock® PROLAB 65 N**
  - 1490 mm x 500 mm x 30 mm, 30 pieces/pallet
  - 1490 mm x 500 mm x 50 mm, 36 pieces/pallet
  - 1490 mm x 500 mm x 75 mm, 24 pieces/pallet
  - 1490 mm x 500 mm x 100 mm, 18 pieces/pallet
  - 1490 mm x 500 mm x 150 mm, 12 pieces/pallet
  - 1490 mm x 500 mm x 200 mm, 8 pieces/pallet

FURTHER INFORMATION
The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Advanced Resins. Copies of the following publications are available on request: Safety Data Sheets

BASIS OF PRODUCT DATA
All technical data stated in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

HEALTH AND SAFETY INFORMATION
For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTICE

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