



# TECHNICAL DATA SHEET

## SK2TM67-1

### Polyurethane board for master models

#### ► DESCRIPTION

SK2TM67-1 is a post-cured polyurethane board designed for making of master models. The board has even structure and plane parallel machined surfaces.

#### ► ADVANTAGES:

- Dense structure
- Good edge strength
- Low tension
- Good workability
- Low dust development when milling

#### ► PROPERTIES

- Very fine structure
- Good edge stability
- Good compressive strength
- Very well workable (contains no abrasive fillers)

PHYSICAL PROPERTIES			
Color	apricot		
Density at 20°C	0,45 ± 0,02 g/cm <sup>3</sup>		
TECHNICAL SPECIFICATIONS			
Flexural strength	EN ISO 178	MPa	12 ± 1
Flexural elongation at break	EN ISO 178	%	4 ± 0,2
Flexural modulus	EN ISO 178	MPa	550 ± 50
Compressive strength	EN ISO 604	MPa	10 ± 1
Heat resistance (HDT)	DIN EN ISO 75 B	°C	67 ± 2
Coefficient of linear expansion	Internal test / Dilatometer	10 <sup>-6</sup> K <sup>-1</sup>	Ca. 65



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#### ► PROCESSING INSTRUCTIONS

Advices for machining of boards material:

- Making even of milling support
- Roughing of geometry
- Remove clamps, if possible over night
- Clamping
- Finishing

#### ► HANDLING PRECAUTIONS

Basic safety precautions should be met when handling the product:

- ensure good room ventilation
- wear gloves, goggles and protective clothing
- do not smoke during processing.

For more information please see the product safety data sheet.

#### ► STORAGE

Storage conditions : it is recommended to store at temperature from -20°C to +30°C in the original packing.

#### ► DIMENSIONS

Unit	Length	Width	Thickness
SK2TM67-1	1500mm	500mm	50mm
	1500mm	500mm	75mm
	1500mm	500mm	100mm
	1500mm	500mm	150mm
	1500mm	500mm	200mm

*Dimension tolerances of 3 mm in length and width and 0,5 mm in thickness are possible.*

Please contact us for other dimensions.



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## ► **GUARANTEE**

The information of our technical data sheet is based on our present knowledge and the result of tests conducted under precise conditions. It is the responsibility of the user to determine the suitability of the products, under their own conditions before commencing with the proposed application. We refuse any guarantee about the compatibility of a product with any particular application. We disclaim all responsibility for damage from any incident, which results from the use of these products. The guarantee conditions are regulated by our general sale conditions.