

## DESCRIPTION

Machinable board designed for production of patterns, mock-ups, masters, jigs and checking-fixtures by milling or machining by hand

## PROPERTIES

- Non-porous material
- Excellent surface aspect (direct painting after sanding)
- Very good dimensional stability
- Machining by CNC machine with light alloy cutting tools

PHYSICAL PROPERTIES		
Colour		Light brown
Specific gravity of cured product at 23°C	ISO 2781 : 1996	0.70

MECHANICAL PROPERTIES at 23°C (1)			
Hardness	ISO 868 : 2003	Shore D1	65 - 70
Tensile strength	ISO 527 : 1993	MPa	13
Elongation at break	ISO 527 : 1993	%	4
Flexural modulus	ISO 178 : 2010	MPa	900
Flexural strength	ISO 178 : 2010	MPa	22
Flexural strain at flexural strength	ISO 178 : 2010	%	4.5
Compressive modulus	ISO 604 : 2002	MPa	900
Compressive strength at yield	ISO 604 : 2002	MPa	20
Impact strength (CHARPY) <i>Unnotched specimens</i>	ISO 179/1eU : 1994	kJ/m <sup>2</sup>	6

THERMAL AND SPECIFIC PROPERTIES (1)			
Glass transition temperature (tg)	ISO 11359-2 : 1999	°C	80
Coefficient of thermal expansion (CTE) (+10°C to +70°C)	ISO 11359-2 : 1999	10 <sup>-6</sup> K <sup>-1</sup>	60

(1) Average values obtained on standardized specimens

## HANDLING PRECAUTIONS

Normal health and safety precautions should be observed when handling these products:

- Ensure good ventilation
- Wear gloves, safety glasses
- Do not smoke when machining

For further information, please consult the product safety data sheet.

## STORAGE CONDITIONS

Boards must be stored in dry place.

## SIZE

1500 x 500 x 50 mm	1500 x 500 x 75 mm	1500 x 500 x 100 mm
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## GUARANTEE

The information contained in this technical data sheet result from research and tests conducted in our Laboratories under precise conditions. It is the responsibility of the user to determine the suitability of AXSON products, under their own conditions before commencing with the proposed application. AXSON guarantee the conformity of their products with their specifications but cannot guarantee the compatibility of a product with any particular application. AXSON disclaim all responsibility for damage from any incident which results from the use of these products. The responsibility of AXSON is strictly limited to reimbursement or replacement of products which do not comply with the published specifications.