

DESCRIPTION

Homogenous polyurethane foam board used in various modeling applications : proof cut of CNC milling software program, mock-ups, design or styling works, core support for large dimensions models (clay, epoxy/PU pastes or wet lay-up FRP).

PROPERTIES

- Good edge resistance
- Excellent dimensional stability
- Superb smooth surface aspect after milling
- Very little friable or powdery

PHYSICAL PROPERTIES		
Composition		Polyurethane foam
Colour		beige
Specific gravity at 25 °C (kg.m ⁻³)	ISO 845	150

MECHANICAL PROPERTIES at 23 °C			
Hardness	ISO 868 : 2003	Shore A	65
Flexural strength	ISO 178 : 2010	MPa	2.2
Compressive strength at yield	ISO 604 : 2002	MPa	1.6

THERMAL AND SPECIFIC PROPERTIES			
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 ⁻⁶ K ⁻¹	65

HANDLING PRECAUTIONS

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

- Ensure good ventilation
- Wear gloves, safety glasses and waterproof clothes

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

STORAGE CONDITIONS

The slabs must be stored in a dry place protected from extremes of temperature

PACKAGING

2000x1000x100mm

2000x1000x200mm

GUARANTEE

The information contained in this technical data sheet results 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 guarantees the conformity of their products with their specifications but cannot guarantee the compatibility of a product with any particular application. AXSON disclaims 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.