

## DESCRIPTION

Homogeneous polyurethane foam board used in various applications: mock-ups, design or styling works, master models, pattern plates for foundry in small series, supporting jigs.

## PROPERTIES

- Good edge resistance
- Excellent dimensional stability
- Superb smooth surface aspect after milling
- Not friable nor powdery

| PHYSICAL PROPERTIES                             |                 |                   |
|---|-----------------|-------------------|
| Composition                                     |                 | Polyurethane foam |
| Colour  |                 | pink              |
| Specific gravity at 25 °C (kg.m <sup>-3</sup> ) | ISO 2781 : 1996 | 450               |

| MECHANICAL PROPERTIES at 23 °C |                |         |    |
|--------------------------------|----------------|---------|----|
| Hardness                       | ISO 868 : 2003 | Shore D | 45 |
| Flexural strength              | ISO 178 : 2010 | MPa     | 12 |
| Compressive strength at yield  | ISO 604 : 2002 | MPa     | 10 |

| THERMAL AND SPECIFIC PROPERTIES                              |                    |                                  |    |
|--|--------------------|----------------------------------|----|
| Glass transition temperature (tg)                            | ISO 11359-2 : 1999 | °C                               | 65 |
| Coefficient of thermal expansion (CTE)<br>(+10 °C to +60 °C) | ISO 11359-2 : 1999 | 10 <sup>-6</sup> K <sup>-1</sup> | 55 |

## ASSEMBLY / FINISH

LABELITE 45 PK boards can be bonded with Labelite Glue.

## 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

1500x500x50mm  
1500x500x75mm  
1500x500x100mm  
1500x500x150mm

## 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.*