# PuFoam 100D

Polyurethane foam board

Product description

PuFoam 100D is a machinable polyurethane foam board for design models, master models and styling.

Key features

• Good dimensional stability • Good surface quality after machining

• Easy to machine • Unfilled

Physical properties

| Product | PuFoam 100D |
|---|---|
| Color | Yellow |
| Density | Approx. 0.1g/cm3 |

Mechanical properties

| Test item | Test method | PuFoam 100D |
|---|---|---|
| Shore C hardness | - | 66C |
| Compressive strength | ISO 844 | 0.9 MPa |
| Coefficient of thermal expansion | ASTM D696 | 40-60 x 10-6 K-1 |

Board dimensions

2000*1200*100 mm

2000*1200*200 mm

2000*1200*300 mm

Please contact our customer service team for other dimensions.

Safety precautions

Avoid skin contact during machining. Wear protective clothing, a mask and protective gloves as necessary, and work in a well-ventilated area. Refer to the material safety data sheet for further information.

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Notes

All data above were measured under specified conditions. As actual processing methods and other factors may affect performance, customers should conduct the necessary tests before use to confirm suitability for their application. We guarantee that our products meet our quality specifications.

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## US customary-unit equivalents

US customary-unit equivalents are provided for convenience alongside the original SI test data. The original source values and test methods remain the controlling reference. Converted values are rounded.

| Source value | US equivalent |
|---|---|
| 0.1 g/cm3 | 6.243 lb/ft³ |
| 0.9 MPa | 130.5 psi |
| 2000*1200*100 mm | 78.7 × 47.2 × 3.937 in (6.562 × 3.937 × 0.3281 ft) |
| 2000*1200*200 mm | 78.7 × 47.2 × 7.874 in (6.562 × 3.937 × 0.6562 ft) |
| 2000*1200*300 mm | 78.7 × 47.2 × 11.8 in (6.562 × 3.937 × 0.9843 ft) |