
Board Material

RenShape[®] BM 5108

Micro cellular PU-material with low density (80-90 Kg/m³)

Key properties

- Resistant to organic solvents
 - Good heat resistance (> 80 °C)
 - Very lightweight and smooth
 - Easily shaped (low dust/particles)
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Applications

- Design models
 - Program proving
 - Supporting structures for modelling paste and Clay/Plasticine
 - Negative moulds for net size casting
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Product data

Product	Colour	Test method
RenShape BM 5108	White	visual

Properties

Density	ISO 1183	g/cm ³	0.08
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Bonding

System		RenPaste® SV 36 Ren® HY 5162
Appearance	visual	White
Mix ratio	Parts by weight	100 : 35
Pot life at 25°C	min	45
Clamping time	h	12

Milling

Milling parameter available on request.

Storage

Board material may be stored flat in original cartons at 2° to 40°C in a dry area. Temperature variations should be avoided when transporting and storing board material.

Working condition

The product should be used when in the temperature range 20° to 25°C.

Packaging

Dimensions	Volume (l)	Weight (kg)	Number of Boards (per pack)	Number of Boards (per pallet)
2500 x 1200 x 100	300	24 - 27	1	12
2500 x 1200 x 200	600	48 - 54	1	6
2500 x 1200 x 400	1200	96-108	1	3

Handling precautions

Caution

Our products are generally quite harmless to handle provided that certain precautions normally taken when handling chemicals are observed. The uncured materials must not, for instance, be allowed to come into contact with foodstuffs or food utensils, and measures should be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The wearing of impervious rubber or plastic gloves will normally be necessary; likewise the use of eye protection. The skin should be thoroughly cleansed at the end of each working period by washing with soap and warm water. The use of solvents is to be avoided. Disposable paper - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. These precautions are described in greater detail in the Material Safety Data sheets for the individual products and should be referred to for fuller information.

Huntsman Advanced Materials (UK) Limited

All recommendations for the use of our products, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility therefore. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

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