

Product Info on ROHACELL® HF

ROHACELL® HF (High Frequency) is a closed-cell rigid foam plastic, based on PMI (polymethacrylimide) chemistry, which does not contain any CFC's.

The fields of application for ROHACELL® HF include, but are not limited to; Antennas (no corrosive effect on materials), radomes and x-ray tables. For processing up to temperature of 130°C (266°F) and maximum pressure up to 0,3 MPa (45 PSI).

Sandwich structures using ROHACELL® HF as a core material can be realized in a single work step (co-curing). By means of hand/wet lay up, VARTM, low pressure RTM, autoclave, SCRIMP, and others.

ROHACELL® is thermoformable, which is a big advantage over other core materials.

ROHACELL® HF is easy to shape and machine.

® = registered trademark

All listed technical data are typical values intended for your guidance. They are given without obligation and do not constitute a materials specification. This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether expressed or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further development. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the products described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. References to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Röhm GmbH
Performance Polymers
64293 Darmstadt
Germany
Phone: +49 6151 18-1005
E-mail: rohacell@evonik.com