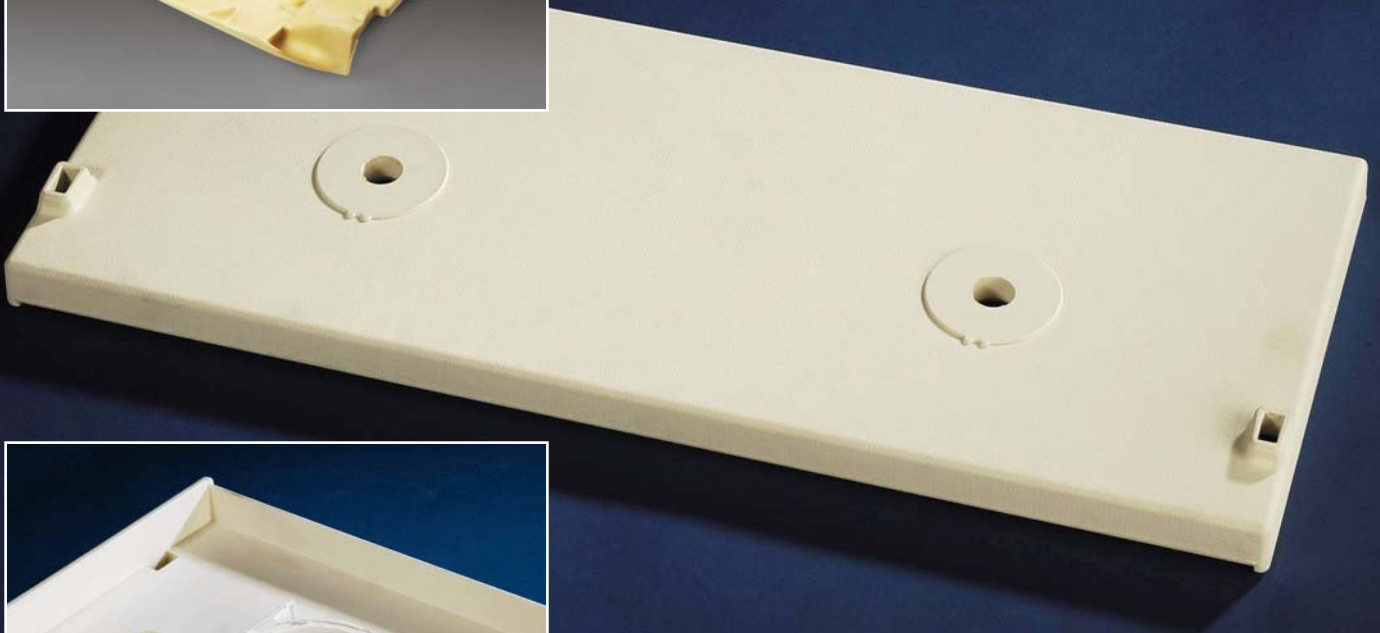


*Otto Bock*<sup>®</sup>

BEST IN FOAM



## **Otto Bock Schaumsysteme GmbH Rigid Integral Skin Foam Systems**

Premium systems for a wide range of uses in the manufacturing of PUR moldings



**BEST IN FOAM**

## ■ Rigid integral skin foam system

Rigid foam parts with a compact edge zone and a fine pore structure of the cellular core.

- Water/physical blowing agents used
- Color adjustments possible in response to specific requirements

### Main fields of use:

- Automotive (e.g. consoles for commercial vehicles)
- Construction
- Consumer goods industry

### Technical properties:

- High strength but relatively low weight
- Good surface texture
- Paint/lacquer coat can be applied

### Mechanical properties:

- |  |             |
|--|-------------|
| • Bulk density [kg/m <sup>3</sup> ]            | 100 – 600   |
| • Bending strength [N/mm <sup>2</sup> ]        | 30 – 55     |
| • Bending e-modulus [N/mm <sup>2</sup> ]       | 650 – 1,800 |
| • Impact strength at 22°C [kJ/m <sup>2</sup> ] | 14 – 23     |
| • Surface hardness [Shore D]                   | 65 – 78     |
| • Tensile strength [MPa]                       | 15 – 30     |
| • Dimensional stability under heat [°C]        | 70 – 85     |
| • Meth. B (0.45 MPa)                           |             |
| • Shrinkage [%]                                | 0.5 – 1.0   |

### Processing:

- Machine processing on high- and low-pressure equipment
- Open/closed processing possible
- Heated tools
- Adjustable reaction times

### Delivery units:

- Disposable barrels
- Containers
- Tank truck
- Other delivery units upon request

**Otto Bock Schaumsysteme GmbH**

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