

Otto Bock[®]

BEST IN FOAM



Otto Bock Schaumsysteme GmbH Flexible Foam Systems

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



BEST IN FOAM

■ Flexible foam systems

Foam parts with an elastic structure and adjustable resetting properties

- Water/carbon dioxide used as blowing agent
- Elastic and viscoelastic foam systems
- Filled foam systems
- Color adjustments possible in response to specific requirements

Main fields of use:

- Automotive industry (seat components, damping parts, etc.)
- Furniture
- Medical engineering
- Leisure products
- Molded foam mattresses

Technical properties:

- Direct foam backing of textile and surface materials
- Low-emission, low-odor

Mechanical properties:

- Bulk density [kg/m³] 35 – 100
- Compressive strength [kPa] 1.2 – 30
- Tensile strength [kPa] 50 – 400
- Ultimate elongation [%] 50 – 250
- Permanent set [%] 2 – 15

Processing:

- Machine processing on high- and low-pressure equipment
- Open/closed processing possible
- Heated/unheated tools
- Adjustable reaction times
- Mold removal times between 1.5 and 10 minutes

Delivery units:

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

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