

Otto Bock[®]

BEST IN FOAM



Otto Bock Schaumsysteme GmbH Semi-Rigid Foam Systems

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



BEST IN FOAM

■ Semi-rigid foam systems

Foam parts with a hardness considerably higher than in the case of flexible foams with good damping properties but no significant skin formation.

- Water/carbon dioxide used as blowing agent
- Color adjustments possible in response to specific requirements

Main fields of use:

- Automotive (foam backing of instrument panels, armrests, etc.)
- Construction (e.g. kneepads for workers)

Technical properties:

- Low-emission, low-odor
- Good vibration and sound damping
- Excellent viscoelasticity
- Good compatibility with and adhesion to all standard surface materials

Mechanical properties:

- Bulk density [kg/m³] 80 – 250
- Tensile strength [kPa] 150 – 500
- Compressive strength [kPa] 15 – 150
- Ultimate elongation [%] 30 – 200

Processing:

- Machine processing on high- and low-pressure equipment
- Open/closed processing possible
- Heated/unheated tools
- Adjustable reaction times
- Mold removal times between 1 and 5 minutes

Delivery units:

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