

Otto Bock[®]

BEST IN FOAM



Otto Bock Schaumsysteme GmbH Integral Skin Foam Systems

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



BEST IN FOAM

■ Integral skin foam systems

Foam parts consisting of a highly resilient, tear-resistant skin and a softer cellular core.

- Available with various blowing agents
(water/carbon dioxide, R134a, R 245fa, R 365mfc, n-pentane)
- Color adjustments possible in response to specific requirements

Main fields of use:

- Automotive (steering wheels, gearshift knobs, etc.)
- Furniture (armrests, paddings, etc.)
- Medical engineering
- Consumer goods industry

Technical properties:

- Good weathering and aging resistance
- Low-emission, low-odor
- Antistatic

Mechanical properties:

- Bulk density [kg/m^3] 150 – 800
- Hardness [Shore A] 20 – 90
- Tensile strength [kPa] 300 – 5,000
- Ultimate elongation [%] 50 – 300
- Permanent set [%] 5 – 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 and 10 minutes

Delivery units:

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

Otto Bock Schaumsysteme GmbH

P.O. Box 1569 · 37108 Duderstadt/Germany · Max-Näder-Str. 15 · 37115 Duderstadt/Germany · Phone +49 5527 848-0 · Fax +49 5527 848-1699
e-mail: kusto@ottobock.de · www.ottobock-kunststoff.com