



Figure 3 — Stopping device (polyurethane tube)

Characteristics of the absorbing material

Table — Characteristic values of the energy-absorbing material

| | | |
|------------------------------|--|---|
| Shore hardness A | : 95 \pm 2 at 20 \pm 5 °C | |
| Breaking strength | : $R_o \geq 34,3$ MPa | |
| Minimum elongation | : A_o 400 % | |
| Modulus | : — at 100 % elongation: 10,8 MPa — at 300 % elongation: 23,5 MPa | |
| Low-temperature brittleness | : five hours at -55 °C | |
| Compression set | : 22 hours at 70 °C \leq 45 % | |
| Density at 25 °C | : 1,05 to 1,10 | |
| Ageing in air | : — 70 hours at 100 °C | — shore hardness A: max. variation + 3 — breaking strength: decrease < 10 % of R_o — elongation: decrease < 10 % of A_o — mass: decrease < 1 % |
| Immersion in oil | : — 70 hours at 100 °C | — shore hardness A: max. variation \pm 4 — breaking strength: decrease < 15 % of R_o — elongation: decrease < 10 % of A_o — volume: swelling < 5 % |
| Immersion in distilled water | : — one week at 70 % | — breaking strength: decrease < 35 % of R_o — elongation: increase < 20 % of A_o |