Material | mixed-cell flame retardant  
Colour | mottled red  

**Standard delivery dimension**  
Thickness: 25 mm / 50 mm  
Mat: 0.5 m wide, 1.5 m long  
Strip: max. 1.5 m long  

Other dimensions and self-adhesive equipment on request.

<table>
<thead>
<tr>
<th>Material properties</th>
<th>Test methods</th>
<th>Comment</th>
</tr>
</thead>
</table>
| Static range of use  
(static loads) | up to 0.22 N/mm² |         |
| Dynamic range of use  
(static and dynamic loads) | up to 0.35 N/mm² |         |
| Load peaks  
(occasional, brief loads) | up to 4.0 N/mm² |         |
| Mechanical loss factor | η = 0.23 | DIN 53513¹  
temperature-, frequency-, specific load- and amplitude-dependent |
| Compression set | < 5% | EN ISO 1856¹  
50 % deformation, 70 °C, 22 h, 30 min after removal of load |
| Min. tensile stress at rupture | 0.65 N/mm² | EN ISO 527-3/5/100 |
| Min. tensile elongation at rupture | 80 % | EN ISO 527-3/5/100 |
| Temperature range | -30 °C up to 70 °C | short term higher temperatures possible |
| Flammability | S4/5R2/5T2 | DIN 54837  
evaluation with DIN 5510-2 |
| | HL3  
HL3  
E | DIN EN 45545-2  
DIN EN 45545-2  
DIN EN ISO 11925-2  
requirements for R10  
requirements for R22  
classification compliant with DIN EN 13501-1 |

¹ Measurement/evaluation in accordance with the relevant standard  
² Values apply to shape factor q = 3

**Load deflection curve**  
Quasi-static load deflection curve measured with a loading rate of 0.022 N/mm²/s.  
Testing between flat steel-plates; recording of the 3rd load, testing with filtered starting range in accordance with ISO 844 at room temperature.  
Shape factor q = 3

All information and data is based on our current knowledge. The data can be applied for calculations and as guidelines, are subject to typical manufacturing tolerances and are not guaranteed. Material properties as well as their tolerances can vary depending on type of application or use and are available from Getzner on request.

Further information can be found in VDI Guideline 2062 (Association of German Engineers) as well as in glossary. Further characteristic values on request.
**Modulus of elasticity**

Quasi-static modulus of elasticity as tangential modulus from the load deflection curve. Dynamic modulus of elasticity from sinusoidal excitation with a velocity level of 100 dBv re. 5·10⁻⁸ m/s corresponding to a vibration amplitude of 0.22 mm at 10 Hz and 0.08 mm at 30 Hz.

Measurement in accordance with DIN 53513

Shape factor \( q = 3 \)

**Natural frequencies**

Natural frequencies of a vibratory system with a single degree of freedom, consisting of a mass and an elastic bearing made of Sylomer® FR 3220 on a rigid surface.

Parameter: thickness of the Sylomer® bearing

Shape factor \( q = 3 \)

**Static creep behaviour**

Deformation under consistent loading.

Parameter: permanent static load

Shape factor \( q = 3 \)