

Standard forms of delivery, ex warehouse
Plates

Thickness: 12 and 25 mm, special thicknesses on request

Length: 1,500 mm, special lengths available

Width: 1,000 mm

Stripping/smaller sizes

On request

Die-cutting, water-jet cutting, self-adhesive versions possible

Continuous static load

0.45 N/mm²
Continuous and variable loads/operating load range

0 to 0.62 N/mm²
Peak loads (rare, short-term loads)

up to 5 N/mm²


Static modulus of elasticity	Based on EN 826	2.0 - 2.9	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	6.8 - 10.0	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.12	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	6.2	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	3.6	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	230	%	
Tear resistance	Based on DIN ISO 34-1	18.5	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.6 0.7	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	840	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	58	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	44	%	dependent on thickness, test specimen h = 25 mm

N/mm²

2.50

990^{plus}

0.85

810^{plus}

0.60

740^{plus}

0.45

680^{plus}

0.30

570^{plus}

0.22

510^{plus}

0.11

400^{plus}

0.055

300^{plus}

0.042

270^{plus}

0.028

220^{plus}

0.018

190^{plus}

0.011

150^{plus}

0