

Standard forms of delivery, ex warehouse

Rolls

Thickness: 12 and 25 mm, special thicknesses on request

Length: 5,000 mm, special lengths available

Width: 1,500 mm

Stripping/Plates

On request

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

Continuous static load

0.055 N/mm²

Continuous and variable loads/operating load range

0 to 0.08 N/mm²

Peak loads (rare, short-term loads)

2 N/mm²



Static modulus of elasticity	Based on EN 826	0.35 - 0.58	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	0.68 - 1.25	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.18	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	3.4	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	1.2	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	240	%	
Tear resistance	Based on DIN ISO 34-1	4.8	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.6 0.75	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	82	kPa	Compressive stress at 25 % deformation test specimen h = 25 mm
Rebound elasticity	Based on DIN EN ISO 8307	44	%	dependent on thickness, test specimen h = 25 mm
Force reduction	DIN EN 14904	72	%	dependent on thickness, test specimen h = 25 mm

N/mm²

2.50

990plus

0.85

810plus

0.60

740plus

0.45

680plus

0.30

570plus

0.22

510plus

0.11

400plus

0.055

300plus

0.042

270plus

0.028

220plus

0.018

190plus

0.011

150plus

0