

Standard forms of delivery, ex warehouse**Plates**

Thickness: 50 mm, special thickness available
 Length: 1,000 mm
 Width: 500 mm

Continuous static load0.12 N/mm²**Continuous and variable loads/operating load range**0.18 N/mm²

Static modulus of elasticity	Based on EN 826	0.2 - 0.4	N/mm ²	Tangential modulus, see figure "Modulus of elasticity"
Dynamic modulus of elasticity	Based on DIN 53513	0.45 - 2.7	N/mm ²	Depending on frequency, load and thickness, see figure "dynamic stiffness"
Mechanical loss factor	DIN 53513	0.2	[-]	Load-, amplitude- and frequency-dependent
Compression set	Based on DIN EN ISO 1856	4.1	%	Measured 30 minutes after decompression with 50% deformation / 23 °C after 72 hrs
Tensile strength	Based on DIN EN ISO 1798	0.15	N/mm ²	
Elongation at break	Based on DIN EN ISO 1798	40	%	
Tear resistance	Based on DIN ISO 34-1	1.9	N/mm	
Fire behaviour	DIN 4102 DIN EN 13501	B2 E	[-] [-]	Normal flammability
Sliding friction	BSW-laboratory BSW-laboratory	0.5 0.6	[-] [-]	Steel (dry) Concrete (dry)
Compression hardness	Based on DIN EN ISO 3386-2	83	kPa	Compressive stress at 25 % deformation test specimen h = 50 mm
Rebound elasticity	Based on DIN EN ISO 8307	42.7	%	dependent on thickness, test specimen h = 50 mm
Force reduction	DIN EN 14904	74	%	dependent on thickness, test specimen h = 50 mm
Ozone resistance	DIN EN ISO 17025	Cracking stage 0	[-]	

N/mm²

1.50

1000

0.80

800

0.30

550

0.15

480

0.12

450

0.10

400

0.05

300

0.02

200

0