

**BS STRONG 4,0 mm**

Characteristics EN 12199	Standard	Unit	Requirements	Average values from production
Hardness	ISO 48-4 (ISO 7619)	shore A	≥ 70	90
Residual indentation	EN/ISO 24343-1 (EN 433)	mm	≤ 0,25	0,12
Abrasion resistance	ISO 4649 (Met. A - 5N)	mm <sup>3</sup>	≤ 250	160
Dimensional stability	EN/ISO 23999 (EN 434)	%	± 0,40 max	± 0,30
Flexibility	EN/ISO 24344 Met. A Ø 20mm (EN 435)	-	no fissuring	comply
Colour fastness to artificial light	ISO 105-B02 Met. 3	degree	≥ 6 blue scale ≥ 3 grey scale	comply
Cigarette burn	EN 1399	rating	met. A ≥ 4 met. B ≥ 3	comply
Tear strength	ISO 34-1 Met. B, procedure A	N/mm	≥ 20	comply
<b>Characteristics EN 14041</b>				
Fire behaviour	EN 13501-1	class	-	Bfl – s1
Slip resistance	EN 13893	class	≥ 0,30 (DS)	DS
<b>Other characteristics</b>				
Toxicity of decomposition gases	DIN 53436 at 350°C	-	-	not toxic
Resistance to stains	EN/ISO 26987 (EN 423)	-	-	resistant *
Ramp slip resistance	DIN 51130	°	BGR 181	R9
Thermal resistance and Thermal conductivity	EN 12667	m <sup>2</sup> K/W W/mK	-	0,020 0,20
Electrical resistance	EN 1081 Met. A	ohm	-	> 10 <sup>10</sup>
Electrostatic charge	EN 1815	kV	-	≤ 2 (antistatic)
Reduction of sound due to treading	ISO 10140-3	dB	-	up to 10
Castor chairs	EN 425	-	-	suitable for W castors
<b>Environmental characteristics</b>				
Environmental certification Geca	GECA 25-2011v2	-	VOC emissions	CA Section 01350
Environmental certification Blue Angel	RAL UZ 120	-	VOC emissions	AgBB
Environmental certification Greenguard	Greenguard and Greenguard Gold	-	Indoor emission	M1
Environmental certification Indoor Air Comfort	Gold requirements	-	-	-

\* depending on concentration and time of contact, for specific agent please ask.

 EN 14041 DoP\_004

 4,0 mm  5,2 kg/m<sup>2</sup>

 100 x 100 cm

**Classification EN ISO 10874 (EN 685):**



The data declared by the manufacturer shall be taken as average: single values change amongst batches and colours.

