

Fact sheet

Property	Method	Typical result	Units	*
Thickness	DIN 50988-2	5.9 - 6.1	mm	(1)
Weight	DIN 50988-2	7.6 - 8.0	kg/m ²	(2)
Tensile strength	DIN EN ISO 61	64 - 84	N/mm ²	
Resistance to impact (ball drop)	Bolidt Test 3010	50 - 55	cm	(3)
Hardness	DIN 53505	40 - 50	Shore D	(4)
Modulus of elasticity	DIN EN ISO 61	6800 - 7800	N/mm ²	
Linear coefficient of expansion	DIN 53752	28 x 10 ⁻⁶	m/m.K	
Coefficient of friction (dry)	NTA 7909; 2003NL	> 0.85		(5)
Coefficient of friction (wet)	NTA 7909; 2003NL	> 0.85		(5)
Anti-slip properties	DIN 51097	30° - pass Class C requirement (24° min.)	° angle	(6)
Smoke density	IMO FTPc part 2	pass		(7)
Smoke toxicity	IMO FTPc part 2	pass		(7)
Surface flammability	IMO FTPc part 5	pass		(7)
Action on cigarette heat	DIN 51961	0.0	mm	(8)
Discolouration	UNE 53384	8 - 13	E94	(9)
Watertightness	Bolidt Test 1001	100	%	(10)
Electrostatic surface behaviour	IEC 61340-4-1	> 1 x 10 ¹²	Ω	(11)
Water absorption	DIN 53495	< 0.1	% by weight	(12)
Gloss	NEN EN ISO 2813	< 5	GU	
Resistance to surface wear	ASTM D-4060	< 130	mm ³	(13)
Freeze thaw stability	Bolidt Test 2012	pass		(14)

- (1) test certificate 27711n22 from Bolidt Kunststoftoepassing B.V. / 10-2007
 (2) test certificate 27711n23 from Bolidt Kunststoftoepassing B.V. / 10-2007
 (3) test certificate 27711n24 from Bolidt Kunststoftoepassing B.V. / 10-2007
 (4) test certificate 27711n25 from Bolidt Kunststoftoepassing B.V. / 09-2007
 (5) test certificate 27711n26 from Bolidt Kunststoftoepassing B.V. / 08-2007
 (6) test certificate 45190604001 from Säurefliessner e.V. / 04-2006
 (7) test certificate 124.083 from See-Berufsgenossenschaft / 01-2008
 (8) test certificate 27711n14 from Bolidt Kunststoftoepassing / 09-2007
 (9) test certificate 27711n27 from Bolidt Kunststoftoepassing B.V. / 10-2007
 (10) test certificate 27711n21 from Bolidt Kunststoftoepassing B.V. / 09-2007
 (11) test certificate 27711n28 from Bolidt Kunststoftoepassing B.V. / 10-2007
 (12) test certificate 27711n11 from Bolidt Kunststoftoepassing B.V. / 09-2007
 (13) test certificate 27711n12 from Bolidt Kunststoftoepassing B.V. / 09-2007
 (14) test certificate 27711n20 from Bolidt Kunststoftoepassing B.V. / 10-2007