

Product Technical Data COMPACT GRADE

1	Thickness	EN 438-2 section 5	According to the required thickness	10.0mm +_ 0.50mm
2	Density	ISO 1183 - 1	1.4	Min. 1.42 GR/CM3
3	Wear Resistance	EN 438-2 section 10	IP = 185 Rev.	700 Rew.
		CGS	Wear Value = 485 Rev.	
4	Scratch Resistance	EN 438-2 section 25	3N	3.5 N
		CGS	4N	
6	Resistance to Crazing (20 Hours @ 80 c)	EN 438-2 section 24	Level 4	Min. Level 4
		CGS		
7	Resistance to Dry Heat at 180 c	EN 438-2 section 16		
		CGS		
		Glossy Surface Finish	Level 4	Min. level 3
		Other Surface Finish	Level 5	Min. level 4
8	Resistance to vapor	EN 438-2 section 14		
		CGS	Level 4	Min. level 3
		Glossy Surface Finish		
		Other Surfesh Finish	Level 5	Min. level 4
9	Resistance to Boiling Water	EN 438-2 section 12	2.20%	1.3 % in weight
		CGS $2 \leq t \leq 5.0$ mm	3.10%	2.17% in thickness
		$t \geq 5.0$ mm	0.55%	Max. 2 % in weight
			0.65%	Max. 2 % in thickness
10	Resistance to Cigarette Burn	EN 438-2 section 30 CGS	Level 4	Min. Level 3
11	Resistance to Staining	EN 438-2 section 26	Level 5	Min. level 5
		CGS Group 1 + 2 Group 3	Level 5	Min. level 4
12	Flatness	EN 438-2 section 9 CGS		
		$2.0 \leq t \leq 6.0$ mm	1.23 mm	max. 8 mm / 1 M Length
		$6.0 \leq t \leq 10$ mm	11.46 mm	Max. 5 mm / 1 M Length
		$t \geq 10.0$ mm	1.87 mm	Max. 3 mm / 1 M Length
13	Light fastness	EN 438-2 section 27 CGS Grey scale	Level 5	Min. level 4
14	High Temp. stability 70 %c	EN 438 section 17 CGS	Level: 0.22 mm	L: Max. 0.4 mm
		$2.0 \leq t \leq 5.0$ mm	W: 0.35 mm	W: Max. 0.8 mm
		$t \geq 5.0$ mm	L: 0.18 mm	L: Max. 0.3 mm
			W: 0.23 mm	W: Max. 0.6 mm
16	Flexural Strength	EN ISO 178 EDS, EDF	144 Mpa	Min. 80 Mpa
17	Flexural Modulus	EN ISO 178 EDS, EDF	16,522 Mpa	Min. 9000 Mpa
18	Coefficient of Linear Thermal expansion (COTE)	ASTM D696-08	6.0 x 10	- mm / mm c