Licht- & Solartechnische Werte

Light and solar technical values

		Lichtbereich / light area				Solarbereich / solar sector				
Artikel / article	**Farbe / Colour**	**Transmission tvb**	**Reflexion pvb**	**Absorption avb**	**UV Transmission tuv**	**Transmission teb**	**Reflexion peb**	**Absorption aeb**	**Gesamtenergie-durchlassgrad gt** total energy transmittance gt	**Abminderungs-faktor Fc** derating factor **Fc**
Alpha	9000	21%	67%	12%	15%	21%	67%	12%	0,36	0,52
Blake	8552	0%	59%	41%	0%	1%	60%	39%	0,39	0,51
Bond	5550	0%	53%	47%	0%	1%	57%	42%	0,40	0,53
Contralux	5232	0%	7%	93%	0%	11%	41%	48%	0,47	0,67
Contralux	8110	6%	46%	48%	5%	15%	60%	25%	0,39	0,55
Dimout	1700	0%	61%	39%	0%	0%	58%	42%	0,40	0,52
Dimout	5567	0%	10%	90%	0%	0%	31%	69%	0,53	0,70
Dimout	5700	0%	55%	45%	0%	0%	56%	44%	0,41	0,54
Dimout	7554	0%	39%	60%	0%	0%	46%	53%	0,44	0,63
Dimout	7563	0%	5%	95%	0%	0%	30%	70%	0,54	0,71
Dimout	7700	0%	30%	70%	0%	0%	43%	57%	0,47	0,62
Dimout	8000	0%	61%	39%	0%	0%	57%	43%	0,40	0,53
Dimout	8551	0%	38%	62%	0%	0%	48%	52%	0,44	0,62
Dimout	8552	0%	14%	86%	0%	0%	36%	64%	0,50	0,72
Divan	9001	58%	39%	3%	53%	59%	39%	2%	0,53	0,70
Ecoline Dia	2550	20%	46%	34%	11%	25%	51%	24%	0,45	0,59
Eos	9000	8%	73%	18%	1%	9%	71%	19%	0,33	0,44
Finett	8551	0%	61%	39%	0%	0%	64%	36%	0,38	0,54
Gamma	9550	0%	50%	50%	0%	0%	49%	51%	0,44	0,59
Gamma Colour	5520	7%	68%	25%	2%	9%	69%	23%	0,35	0,46
Glamour	9550	0%	50%	50%	0%	0%	50%	50%	0,50	0,61
Jackson	3550	0%	60%	40%	0%	0%	54%	45%	0,41	0,55
Jackson	8550	0%	70%	30%	0%	0%	62%	38%	0,38	0,49
Lennox	8553	0%	77%	24%	0%	0%	69%	31%	0,34	0,45
Luma	1550	19%	64%	18%	8%	21%	65%	14%	0,37	0,49
Luma	1551	12%	56%	32%	3%	17%	61%	22%	0,39	0,52
Luma	1552	7%	39%	54%	4%	16%	54%	31%	0,43	0,57
Marla	3001	0%	20%	80%	0%	0%	21%	79%	0,59	0,77
Orbit	1541	0%	73%	27%	0%	0%	66%	34%	0,36	0,51
Platus	9090	24%	74%	2%	19%	24%	72%	4%	0,34	0,49
Platus	1110	20%	66%	14%	4%	22%	66%	12%	0,37	0,53
Ray	2520	0%	80%	20%	0%	0%	71%	28%	0,33	0,43
Save	9100	30%	68%	2%	15%	30%	65%	5%	0,38	0,50
Silk	9100	60%	38%	2%	54%	61%	37%	2%	0,54	0,71
Sisto	1551	0%	66%	34%	0%	0%	63%	37%	0,36	0,65
Soft	blau	0%	4%	96%	0%	0%	31%	69%	0,53	0,63
Soft	8551	0%	29%	71%	0%	0%	43%	58%	0,46	0,55
Soft Colour	grau	0%	56%	44%	0%	0%	53%	47%	0,39	0,67
Solis	7520	0%	35%	65%	0%	0%	34%	66%	0,52	0,68
Target	1110	43%	51%	6%	28%	44%	50%	6%	0,45	0,64
Target	1111	42%	55%	3%	20%	42%	52%	5%	0,44	0,63
Target	8111	36%	42%	22%	26%	42%	48%	11%	0,46	0,66
Target	9110	41%	56%	3%	30%	42%	54%	4%	0,43	0,62
Zag	8003	5%	33%	62%	3%	16%	49%	36%	0,45	0,60
Zag	2001	9%	42%	48%	4%	19%	54%	28%	0,43	0,57
Zag	9001	24%	62%	14%	10%	25%	63%	12%	0,39	0,51

Stand 9/24

Der g-Wert benennt den Energieeintrag durch das Medium. Je niedriger der g-Wert, desto weniger Energie geht durch das Medium und desto geringer ist die Temperatur hinter dem Medium (z.B. Vorhang) bzw. im Raum. Der FC-Wert beschreibt den Abminderungsfaktor eines Mediums (z.B. Vorhang). Beispiel: Der Wert 25% sagt aus, dass noch 25% der Sonnenenergie durch das Medium dringen. Es gilt also, je kleiner der FC-Wert, desto besser.

The g-value indicates the energy input through the medium. The lower the g-value, the less energy passes through the medium and the lower the temperature behind the medium (e.g. curtain) or in the room. The FC value describes the reduction factor of a medium (e.g. curtain). Example: a value of 25% indicates that only 25% of the solar energy still passes through the medium. Therefore, the smaller the FC value, the better.