



## NSG TEC™

	NSG TEC™ 6	NSG TEC™ 10		NSG TEC™ 15		NSG TEC™ 20		NSG TEC™ 25	NSG TEC™ 70	NSG TEC™ 250	NSG TEC™ 550
Thickness	4 mm	4 mm	6 mm	4 mm	6 mm	4 mm	6 mm	4 mm	4 mm	4 mm	4 mm
Emissivity, $\epsilon$ (EN 12898)	0,10 ( $\pm 0,01$ )	0,11 ( $\pm 0,01$ )	0,11 ( $\pm 0,01$ )	0,13 ( $\pm 0,01$ )	0,13 ( $\pm 0,01$ )	0,19 ( $\pm 0,01$ )	0,19 ( $\pm 0,01$ )	0,22 ( $\pm 0,01$ )	0,44 ( $\pm 0,02$ )	0,71 ( $\pm 0,01$ )	0,80 ( $\pm 0,01$ )
Transmission Visible, LT, % (EN 410)	81,0 ( $\pm 1,2$ )	83,2 ( $\pm 1,2$ )	82,7 ( $\pm 1,2$ )	83,2 ( $\pm 1,2$ )	82,7 ( $\pm 1,2$ )	84,0 ( $\pm 1,2$ )	83,5 ( $\pm 1,2$ )	83,7 ( $\pm 1,2$ )	84,5 ( $\pm 1,2$ )	86,0 ( $\pm 1,2$ )	85,0 ( $\pm 1,2$ )
Haze, %	<1,5	<1,0	<1,0	<0,8	<0,8	<0,5	<0,5	<0,4	<0,4	<0,4	<0,4
Typical Haze, % around	1,2	0,6	0,6	0,4	0,4	0,4	0,4	0,25	0,25	0,25	0,25
Sheet Resistance, $\Omega/\square$	<7,0	<11,0	<11,0	<14,0	<14,0	<20	<20	<26	<75	<325	<600
Typical Sheet Resistance, $\Omega/\square$ around	6	10	10	13,0	13,0	19	19	23	65	240	550
Direct Energy Transmission, ET, %	66	71	68	73	71	75	73	78	79	78	78
Energy Reflection (outside), $ER_o$ , %	10	11	10	11	11	11	11	11	13	12	13
Energy Reflection (inside), $ER_i$ , %	11	12	11	12	12	12	12	12	13	14	14
Total Energy Absorption, EA, %	24	18	22	16	18	14	16	10	9	10	8
Solar Factor, g, %	70	75	72	77	75	78	75	80	80	79	80
Total Shading Coefficient, TSC	0,81	0,85	0,82	0,87	0,85	0,9	0,88	0,92	0,93	0,92	0,92
UV Transmission, UV, %	46	54	49	55	51	56	52	60	56	55	56
Color Rendering RD65, $R_a$	99	99	99	99	99	98	98	99	99	99	99
$U_g$ -value, W/m <sup>2</sup> K	3,5	3,6	3,6	3,7	3,7	3,8	3,8	3,9	4,6	5,3	5,5

The technical data are calculated according DIN EN 410 / DIN EN 673 / DIN EN 12898.

The above performance data should be considered representative. There may be differences within a single production run or from one production run to another, but these are subject to manufacturing tolerances.

The data presented in this data sheet is related to the as supplied product. Some values, such as sheet resistance, may change after the tempering process depending on tempering conditions.

This publication provides only a general description of the products. Further, more detailed, information may be obtained from your local supplier of Pilkington products. It is the responsibility of the user to ensure that the use of these products is appropriate for any particular application and that such use complies with all relevant legislation, standards, codes of practice and other requirements. To the fullest extent permitted by applicable laws, Nippon Sheet Glass Co. Ltd. and its subsidiary companies disclaim all liability for any error in or omission from this publication and for all consequences of relying on it. "TEC" is a trademark owned by Nippon Sheet Glass Co. Ltd, or a subsidiary thereof.



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The Declaration of Performance for each product, including declared values, can be found at [www.pilkington.com/CE](http://www.pilkington.com/CE)



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