

Automotive Window Film Performance Specifications

Total Solar Energy: Visible Light: "U" Factor:		/	niirea 	Creo	,,peq		/	le light	Conficient Cair) Conficient Cair) Conficient Cair) Conficient Cair)					Pojected
Onyx Series - High Performance Onyx 5 PS SR 27% 7% 66% 5% 5% 1.05 1.09 99% 0.51 0.44 94% 57% Onyx 20 PS SR 27% 8% 65% 15% 5% 1.06 1.10 99% 0.52 0.44 94% 57% Onyx 35 PS SR 36% 9% 55% 32% 7% 1.09 1.13 99% 0.52 0.45 83% 55% Onyx 35 PS SR 36% 9% 55% 32% 7% 1.09 1.13 99% 0.59 0.51 64% 49% Onyx 55 PS SR 43% 11% 46% 44% 9% 1.09 1.13 99% 0.64 0.56 92% 45% Charcool Series - Non-Reflective Charcool 5 PS SR 41% 7% 5% 1.06 1.12 99% 0.64 0.56 92% 45% Charcool SP SR 48% 6% 46% 35%	1	Ι.	/	/ 1	,	/ 1	/	/ ,	3		Solar H. Sol	Sale R	10 Sep. 10 Sep	<i>}</i>
Onyx 5 PS SR		0,			Visible Light:		"U" Factor:							
Onyx 20 PS SR														
Onyx 35 PS SR	-													
Onyx 55 PS SR 43% 11% 46% 44% 9% 1.09 1.13 99% 0.64 0.56 50% 44% Charcool Series - Non-Reflective Charcool 20 PS SR 41% 7% 52% 7% 5% 1.06 1.12 99% 0.64 0.56 92% 45% Charcool 20 PS SR 45% 6% 49% 17% 5% 1.10 1.14 99% 0.67 0.58 81% 42% Charcool 35 PS SR 48% 6% 46% 35% 6% 1.04 1.05 99% 0.85 0.73 54% 27% Charcool 55 PS SR 63% 7% 30% 54% 7% 1.11 1.14 99% 0.82 0.71 39% 29% Charcool 56 PS SR 69% 8% 24% 53% 7% 1.04 1.05 99% 0.67 0.58 81% 42% Charcoal 5 PS SR 41% 7% 52%														
Charcool 5 PS SR														
Charcool 5 PS SR				46%	44%	9%	1.09	1.13	99%	0.64	0.56	50%	44%	
Charcool 20 PS SR		_	_	52%	70/	50/	1.06	1 12	00%	0.64	0.56	92%	15%	
Charcool 35 PS SR														
Charcool 42 PS SR 66% 7% 27% 41% 6% 1.04 1.05 99% 0.85 0.73 54% 27% Charcool 55 PS SR 63% 7% 30% 54% 7% 1.11 1.14 99% 0.82 0.71 39% 29% Charcool 56 PS SR 69% 8% 24% 53% 7% 1.04 1.05 99% 0.87 0.76 41% 24% Charcool 5e PS SR 41% 7% 52% 7% 5% 1.06 1.12 99% 0.64 0.56 92% 45% Charcool 20 PS SR 45% 6% 49% 17% 5% 1.10 1.14 99% 0.67 0.58 81% 42% Charcool 35 PS SR 48% 6% 46% 35% 6% 1.10 1.14 99% 0.69 0.60 60% 40% Wincos - Premium Series IR Film Wincos 20 15% 7% 77% 21% 8% 1.10 1.14 99% 0.43 0.37 76% 62% 90 Wincos 30 20% 7% 73% 31% 8% 1.09 1.13 99% 0.54 0.47 0.41 65% 59% 90 Wincos 45 28% 5% 66% 45% 6% 1.09 1.13 99% 0.54 0.47 49% 53% 88														
Charcool 55 PS SR 63% 7% 30% 54% 7% 1.11 1.14 99% 0.82 0.71 39% 29% Charcool 56 PS SR 69% 8% 24% 53% 7% 1.04 1.05 99% 0.87 0.76 41% 24% Charcoal Series - Non-Reflective Charcoal 5 PS SR 41% 7% 52% 7% 5% 1.06 1.12 99% 0.64 0.56 92% 45% Charcoal 20 PS SR 45% 6% 49% 17% 5% 1.10 1.14 99% 0.67 0.58 81% 42% Charcoal 35 PS SR 48% 6% 46% 35% 6% 1.10 1.14 99% 0.69 0.60 60% 40% Wincos - Premium Series IR Film Wincos 20 15% 7% 77% 21% 8% 1.10 1.14 99% 0.43 0.37 76% 62% 90 Wincos 30 20% 7% 73% 31% 8% 1.09 1.13 99% 0.54 0.47 0.41 65% 59% 90 Wincos 45 28% 5% 66% 45% 6% 1.09 1.13 99% 0.54 0.47 49% 53% 88														
Charcool 56 PS SR 69% 8% 24% 53% 7% 1.04 1.05 99% 0.87 0.76 41% 24% Charcoal Series - Non-Reflective Charcoal 5 PS SR 41% 7% 52% 7% 5% 1.06 1.12 99% 0.64 0.56 92% 45% Charcoal 20 PS SR 45% 6% 49% 17% 5% 1.10 1.14 99% 0.67 0.58 81% 42% Charcoal 35 PS SR 48% 6% 46% 35% 6% 1.10 1.14 99% 0.69 0.60 60% 40% Wincos - Premium Series IR Film Wincos 20 15% 7% 77% 21% 8% 1.10 1.14 99% 0.43 0.37 76% 62% 90 Wincos 30 20% 7% 73% 31% 8% 1.09 1.13 99% 0.54 0.47 49% 53% 88														
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Charcoal 5 PS SR	Charcoal Series - Non-Re													
Charcoal 35 PS SR 48% 6% 46% 35% 6% 1.10 1.14 99% 0.69 0.60 60% 40% Wincos - Premium Series IR Film Wincos 20 15% 7% 77% 21% 8% 1.10 1.14 99% 0.43 0.37 76% 62% 90 Wincos 30 20% 7% 73% 31% 8% 1.09 1.13 99% 0.47 0.41 65% 59% 90 Wincos 45 28% 5% 66% 45% 6% 1.09 1.13 99% 0.54 0.47 49% 53% 88	Charcoal 5 PS SR	41%	7%	52%	7%	5%	1.06	1.12	99%	0.64	0.56	92%	45%	
Wincos - Premium Series IR Film Wincos 20 15% 7% 77% 21% 8% 1.10 1.14 99% 0.43 0.37 76% 62% 90% Wincos 30 20% 7% 73% 31% 8% 1.09 1.13 99% 0.47 0.41 65% 59% 90% Wincos 45 28% 5% 66% 45% 6% 1.09 1.13 99% 0.54 0.47 49% 53% 88	Charcoal 20 PS SR	45%	6%	49%	17%	5%	1.10	1.14	99%	0.67	0.58	81%	42%	
Wincos - Premium Series IR Film Wincos 20 15% 7% 77% 21% 8% 1.10 1.14 99% 0.43 0.37 76% 62% 90° Wincos 30 20% 7% 73% 31% 8% 1.09 1.13 99% 0.47 0.41 65% 59% 90° Wincos 45 28% 5% 66% 45% 6% 1.09 1.13 99% 0.54 0.47 49% 53% 88°	Charcoal 35 PS SR	48%	6%	46%	35%	6%	1.10	1.14	99%	0.69	0.60	60%	40%	
Wincos 20 15% 7% 77% 21% 8% 1.10 1.14 99% 0.43 0.37 76% 62% 90° Wincos 30 20% 7% 73% 31% 8% 1.09 1.13 99% 0.47 0.41 65% 59% 90° Wincos 45 28% 5% 66% 45% 6% 1.09 1.13 99% 0.54 0.47 49% 53% 88°	Winness Brownium Conins			Abso.	Transmit	Reflection	,	Design	1 0 0 m	South Officerion Offic	Solar Hear C.	Gare Reque	70'41 Solar	Intra-
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Wincos 70 35% 9% 57% 63% 10% 1.09 1.13 99% 0.58 0.50 28% 49% 92	Wincos 70													90%

Wincos is manufactured by Lintec and distributed through Madico North America.

Specification Use Statement

Reported values are typical properties and should not be used as a specification. Since the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for intended use. If you need verification regarding specific use or additional information, please contact Madico Window Films or your local Madico Authorized Dealer.