


Total Solar Energy:			Visible Light:			"U" Factor:		UV Rejection		Solar Heat Gain Coefficient		Glare Reduction		Total Solar Energy Rejected	
Transmitted	Reflected	Absorbed	Transmitted	Reflected	Median	Design	UV Rejection	Shading Coefficient	Solar Heat Gain Coefficient	Glare Reduction	Total Solar Energy Rejected	Infrared Rejection			

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	0.45	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	50%	44%
Charcool Series - Non-Reflective												
Charcool 5 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%
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%
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%
Black Pearl HP Series												
Black Pearl HP 4 - PS SR	28%	9%	63%	4%	4%	1.01	1.03	99%	0.54	0.47	96%	53%
Black Pearl HP 15 - PS SR	32%	8%	60%	15%	5%	1.02	1.03	99%	0.58	0.50	84%	50%
Black Pearl HP 22 - PS SR	35%	9%	56%	23%	6%	1.01	1.03	99%	0.60	0.52	75%	48%
Black Pearl HP 32 - PS SR	42%	8%	50%	33%	6%	1.03	1.04	99%	0.66	0.57	63%	43%
Black Pearl HP 38 - PS SR	45%	9%	46%	40%	7%	1.03	1.04	99%	0.68	0.59	55%	41%
Black Pearl NR Series												
Black Pearl NR 5 - PS SR	46%	6%	48%	4%	4%	1.04	1.05	99%	0.70	0.61	95%	39%
Black Pearl NR 20 - PS SR	50%	6%	44%	19%	5%	1.04	1.05	99%	0.73	0.64	79%	36%
Black Pearl NR 35 - PS SR	60%	6%	34%	37%	5%	1.04	1.05	99%	0.81	0.70	59%	30%
Black Pearl NR 55 - PS SR	67%	6%	26%	57%	6%	1.04	1.05	99%	0.86	0.75	37%	25%
Black Pearl NR 70 - PS SR	71%	7%	22%	69%	7%	1.04	1.05	99%	0.90	0.78	23%	22%



Wincos - Premium Series IR Film												
Transmitted	Reflected	Absorbed	Transmitted	Reflected	Median	Design	UV Rejection	Shading Coefficient	Solar Heat Gain Coefficient	Glare Reduction	Total Solar Energy Rejected	Infrared Rejection

Wincos 10	10%	4%	86%	10%	5%	1.04	1.05	99%	0.43	0.37	88%	63%	91%
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%
Wincos 60	35%	8%	58%	60%	9%	1.09	1.13	99%	0.59	0.51	32%	49%	90%
Wincos 70	35%	9%	57%	63%	10%	1.09	1.13	99%	0.58	0.50	28%	49%	92%
Wincos 90	70%	8%	23%	89%	9%	1.00	1.02	99%	0.88	0.76	1%	23%	53%

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.