



Automotive Window Film Performance Specifications

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

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%
Shadow Series												
Shadow 5 - PS SR	49%	6%	45%	6%	5%	1.04	1.05	99%	0.73	0.64	93%	36%
Shadow 20 - PS SR	57%	6%	37%	23%	5%	1.04	1.05	99%	0.78	0.68	75%	32%
Shadow 32 - PS SR	59%	7%	34%	31%	5%	1.03	1.04	99%	0.8	0.70	66%	30%
Shadow 38 - PS SR	64%	6%	30%	42%	5%	1.04	1.05	99%	0.84	0.73	53%	27%
Shadow 50 - PS SR	66%	7%	27%	50%	6%	1.03	1.04	99%	0.85	0.74	45%	26%
GP Max Series												
GP Max 5	18%	22%	60%	5%	8%	0.98	1.00	99%	0.41	0.36	95%	64%
GP Max 20	40%	9%	51%	20%	5%	1.02	1.03	99%	0.64	0.56	77%	44%
GP Max 35	47%	10%	44%	40%	8%	1.01	1.03	99%	0.69	0.60	55%	40%
GP Max 50	68%	7%	25%	47%	6%	1.08	1.13	99%	0.87	0.76	47%	24%

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.