

AUTOMOTIVE PERFORMANCE SPECIFICATIONS

GLUE DYED NON-REFLECTIVE														
	Solar Energy			Visible Light				UVR	SC	IRR	TSER	GR	E	U-VALUE
	T	A	R	T	A	R-INT	EXT							
ECONOMY BLACK 05%	50	44	6	4.5	87		4	99.9	0.67	10.9	46	93	0.85	0.12
ECONOMY BLACK 20%	55	38	6	12.5	72		4	99.9	0.71	9.9	38	79	0.86	0.13
ECONOMY BLACK 35%	63	30	7	32.6	58		5	99.9	0.74	10.1	35	60	0.86	1.14
ECONOMY BLACK 50%	72	17	10	57.4	43		9	99.9	0.82	10.1	27	50	0.86	1.14
ECONOMY CHARCOAL 05%	50	40	10	3.4	88		9	99.9	0.68	11.9	45	93	0.85	1.11
ECONOMY CHARCOAL 20%	57	33	10	14.8	73		8	99.9	0.71	10.3	37	79	0.86	1.13
ECONOMY CHARCOAL 35%	63	27	10	30	59		8	99.9	0.74	11	35	60	0.86	1.14
ECONOMY CHARCOAL 50%	69	21	10	49.9	42		8	99.9	0.81	10.3	28	51	0.86	1.14
NRNX CHARCOAL 05%	41	54	5	6.3	86	4	6	99.9	0.66	12.9	47	94	0.89	1.11
NRNX CHARCOAL 20%	48	47	5	18.4	73	4	6	99.9	0.71	12.8	39	79	0.89	1.12
NRNX CHARCOAL 35%	54	40	6	33.7	60	4	6	99.9	0.76	11.1	35	60	0.89	1.12
NRNX CHARCOAL 50%	60	35	5	50.4	42	4	6	99.9	0.81	10.7	27	54	0.89	1.12
NRNX CHARCOAL 70%	77	13	10	62.8	34		9	99.9	0.85	10.6	25	50	0.89	1.13

DYED EXTRUDED NON-REFLECTIVE														
	Solar Energy			Visible Light				UVR	SC	IRR	TSER	GR	E	U-VALUE
	T	A	R	T	A	R-INT	EXT							
PROFESSIONAL BLACK 03%	43	50	7	1	90	6	6	99.9	0.66	11.6	46	94	0.85	0.12
PROFESSIONAL BLACK 05%	45	48	7	4.1	88	6	6	99.9	0.67	10.9	45	93	0.85	0.12
PROFESSIONAL BLACK 15%	46	47	6	9.8	85	6	6	99.9	0.67	9.7	44	93	0.85	0.12
PROFESSIONAL BLACK 20%	48	46	6	20.6	73	6	6	99.9	0.71	10.4	38	79	0.86	0.13
PROFESSIONAL BLACK 35%	52	42	6	35.2	58	6	7	99.9	0.73	10	35	60	0.86	1.14
PROFESSIONAL BLACK 42%	55	39	6	40.5	51	6	6	99.9	0.76	10.1	32	54	0.86	1.14
PROFESSIONAL BLACK 50%	63	31	6	51.9	42	6	7	99.9	0.82	10	27	50	0.86	1.14
PREMIUM BLACK 05%	41	54	5	2.6	88	4	6	99.9	0.66	11.3	47	94	0.89	1.11
PREMIUM BLACK 15%	53	27	6	9.9	80	8	8	99.9	0.69	10.4	45	90	0.89	1.12
PREMIUM BLACK 20%	48	47	5	16.1	73	4	6	99.9	0.71	11.8	39	79	0.89	1.12
PREMIUM BLACK 35%	54	40	6	36.7	59	4	6	99.9	0.76	10.2	35	60	0.89	1.12
PREMIUM BLACK 42%	56	39	5	40.9	51	4	6	99.9	0.76	10.1	33	54	0.89	1.12
PREMIUM BLACK 50%	60	35	5	47.5	43	4	6	99.9	0.81	8.1	27	50	0.89	1.12

CARBON / COLOR STABLE														
	Solar Energy			Visible Light				UVR	SC	IRR	TSER	GR	E	U-VALUE
	T	A	R	T	A	R-INT	EXT							
CENTURION 0330	32.5	57.9	5.5	3.5	72	4.5	5	99.9	0.61	33.1	50.5	97	0.88	6
CENTURION 0530	34.3	60	5.7	5.3	71	4.8	5.1	99.9	0.62	31.7	50	94	0.88	6
CENTURION 1530	36.3	57.9	5.8	9.9	69	5	5.1	99.9	0.63	34.4	48.6	88	0.87	6
CENTURION 2030	40.2	54	5.8	20	68	5.2	5	99.9	0.66	34.2	45.5	77	0.89	6
CENTURION 3530	46.1	49	6.1	31.3	60	5.5	5.3	99.9	0.71	31.9	41.2	65	0.89	6
CENTURION 4230	59.8	58	6.2	38.7	51	5.7	5.8	99.9	0.75	34.2	37.8	61	0.89	6
CENTURION 5030	54	46	6.4	43.1	45	6.2	6.1	99.9	0.76	31	35.5	47	0.89	6
CENTURION 7030	55	44	6.5	72	42	6.3	6.3	99.9	0.77	30.1	27.2	44	0.89	6
NUVO 0555	24.6	70	5.1	2.3	70.1	4.9	4.8	99.9	0.64	59	34.3	96.2	0.88	6
NUVO 2055	31.3	62.7	6	19.9	67.5	5.3	5.9	99.9	0.59	57	46	79.2	0.88	6.1
NUVO 3555	35.2	59.2	5.6	33.1	60	5.4	5.6	99.9	0.62	53	44	71.6	0.88	6.1
NUVO 5055	43.1	50.6	6.3	42.2	48	6.5	5.9	99.9	0.67	56.6	39	48.8	0.88	6.1
HP CENTURION 0550	24.5	68.7	6.9	5.5	71	4.8	6.7	99.9	0.56	57.3	51	94	0.88	6
HP CENTURION 1550	28.8	63.9	7.2	12.8	69	5	7	99.9	0.59	56	48	85.7	0.87	6
HP CENTURION 2050	29.7	62.8	7.2	19.4	68	5.2	7	99.9	0.59	56	48	85.2	0.87	6
HP CENTURION 3550	36.7	56.1	7.5	31.6	60	6	7.3	99.9	0.65	56	43	65	0.86	6
HP CENTURION 5050	40.2	52.4	7.9	49.4	45	6.2	7.5	99.9	0.70	55	41	60	0.85	6

NANOCERAMIC IR														
	Solar Energy			Visible Light				UVR	SC	IRR	TSER	GR	E	U-VALUE
	T	A	R	T	A	R-INT	EXT							
LUX 0580	13.5	81.7	4.9	3.7	67	6.9	4.7	99.9	0.48	83	58	93.1	0.87	6
LUX 1580	19	75.6	5.3	13.1	64	5.7	5.3	99.9	0.50	81	55	84.1	0.88	6.1
LUX 2080	19	76.1	4.9	15.5	63	7	4.9	99.9	0.52	83	55	79.7	0.87	6
LUX 3580	28.5	65.9	5.6	35.6	57	7.6	6.2	99.9	0.59	84.7	49	58.7	0.86	6
LUX 5080	33.5	60.4	6.1	48.9	44	8.1	7.4	99.9	0.63	84.1	47	44.1	0.86	6
ONYVA 0590	12.6	82.5	4.9	4.3	70	5.6	4.9	99.9	0.46	93.9	58	93.4	0.88	6.1
ONYVA 1590	14.8	80.1	5.2	10.4	68	5	5.6	99.7	0.49	93.8	57	87.1	0.89	6.1
ONYVA 2090	20	75.1	5	18.7	68	5.7	5	99.9	0.51	93.3	54	77.7	0.88	6.1
ONYVA 3590	26.9	68	5.2	36.4	60	5	5.6	99.4	0.59	92.1	50	59.6	0.89	6.1
ONYVA 5090	36.6	57.7	5.9	57	44	7.3	7.3	99.6	0.65	93.8	45	35	0.88	6.1
ONYVA 7090	42.4	51	6.6	74.8	39	9.5	8.8	99.1	0.69	93.8	41	19.4	0.89	6

PARAMETERS	
SOLAR ENERGY T	TRANSMITTANCE
SOLAR ENERGY A	ABSORBTANCE
SOLAR ENERGY R	REFLECTANCE
VISIBLE LIGHT T	TRANSMITTANCE
VISIBLE LIGHT A	ABSORBTANCE
VISIBLE LIGHT R	REFLECTANCE (INTERIOR/EXTERIOR)
UVR	ULTRA VIOLET REJECTED
SC	SHADING COEFFICIENT
SHGC	SOLAR HEAT GAIN COEFFICIENT
TSER	TOTAL SOLAR ENERGY REJECTED
GR	GLARE REDUCTION
E	EMISSION
U-VALUE	WINTER MEDIAN U VALUE
IRR	INFRA RED REJECTED