

AquaSurTech D200

Accelerated Weathering Data for uPVC Profile

SUNTEST XLS-XENON ARC LIGHT SOURCE

Sample ID	STD	Sample	Delta	Sample	Delta	Sample	Delta
			1000 hrs.		2000 hrs.		5000 hrs.
Uncoated White Vinyl							
L*	92.95	91.85	-1.1	78.05	-14.9	76.7	-16.25
a*	-1.18	-1.43	-0.25	0.5	1.68	2.34	3.52
b*	3.19	5.79	2.6	13.15	9.96	24.75	21.56
DE			2.83		18		27.2
White D-200							
L*	95.84	95.83	-0.01	95.41	-0.43	95.22	-0.62
a*	-0.71	-0.73	-0.02	-0.84	-0.13	-0.88	-0.17
b*	1.97	1.59	-0.38	1.73	-0.24	2.87	0.9
DE			0.38		0.51		1.11
Clay							
L*	63.75	63.4	-0.35	63.15	-0.6	62.9	-0.85
a*	1.3	1.7	0.4	1.89	0.59	1.94	0.64
b*	10.7	10.88	0.18	10.87	0.17	10.9	0.2
DE			0.56		0.64		1.08
Cream							
L*	78.2	78.56	0.36	79.3	1.1	79.24	1.04
a*	0.1	-0.31	-0.41	-0.66	-0.76	-1.39	-1.49
b*	17.87	17.62	-0.15	17.53	-0.34	18.34	0.47
DE			0.57		1.37		1.88
Green							
L*	27.83	27.44	-0.39	27.85	0.02	27.43	-0.4
a*	-19.59	-18.49	1.1	-17.6	1.99	-17.38	2.21
b*	7.65	5.85	-1.8	4.34	-3.1	-4.25	-3.4
DE			2.14		3.7		4.1
Brown							
L*	19.83	20.51	0.68	20.53	0.7	20.63	0.8
a*	11.51	11.21	-0.3	11.79	0.28	11.87	0.36
b*	10.75	10.48	-0.27	11.72	0.97	12.17	1.42
DE			0.8		1.23		1.67