Nikkalite™ solbi®

PERFORMANCE DATA OF ECE104 CONSPICUITY TAPE

ITEM NO.

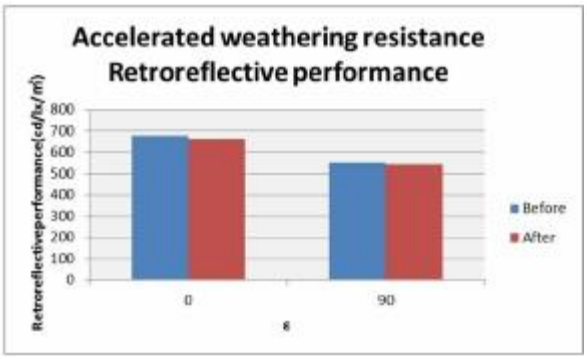
① NIKKALITE 935021R ± METALLIZING TYPE, WHITE
② NIKKALITE 935041R ± METALLIZING TYPE, YELLOW
③ NIKKALITE 935051R ± METALLIZING TYPE, RED

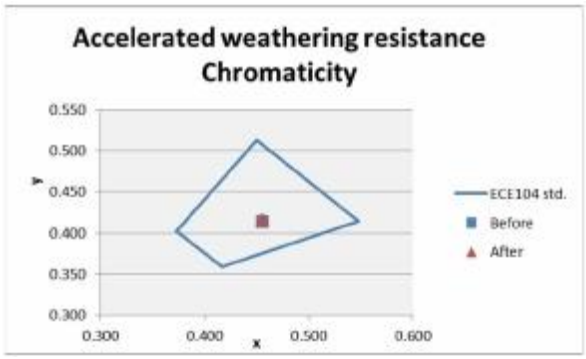
PERFORMANCE DATA

1. NIKKALITE 935021R ± METALLIZING TYPE, WHITE

GRADE				CRYSTALGRADE					
ITEM NO.				935021R					
COLOR				WHITE					
RETROREFLECTIVE PERFORMANCE R! (CD/LX/m²) β1=0°	R.A.(ε)	O.A.(α)	E.A.(β2)	ECE104 STANDARD				MEASURED	RESULT
	0	0.33	+5	≧450				678	PASS
	0	0.33	+30	≧200				269	PASS
	0	0.33	+40	≧95				143	PASS
	0	0.33	+60	≧16				22	PASS
	90	0.33	+5	≧450				552	PASS
	90	0.33	+30	≧200				244	PASS
	90	0.33	+40	≧95				129	PASS
	90	0.33	+60	≧16				17	PASS
CHROMATICITY	A/ECE104 STANDARD			1	2	3	4	MEASURED	RESULT
	X			0.417	0.373	0.450	0.548	0.456	PASS
	Y			0.359	0.402	0.513	0.414	0.414	
R! (CD/LX/m²) β1=0°	R.A.(ε)	O.A.(α)	E.A.(β2)	ECE104 STANDARD				MEASURED	RESULT
	0	0.33	+5	≧360				665	PASS
	90	0.33	+5	≧360				542	PASS
CHROMATICITY	A/ECE104 STANDARD			1	2	3	4	MEASURED	RESULT
	X			0.417	0.373	0.450	0.548	0.456	PASS
	Y			0.359	0.402	0.513	0.414	0.416	
ADHESION STRENGTH(N)	ECE104 STANDARD							MEASURED	RESULT
	≧10							29	PASS

※O.A. : OBSERVATION ANGLE E. A. : ENTRANCE ANGLE R. A. : ROTATION ANGLE

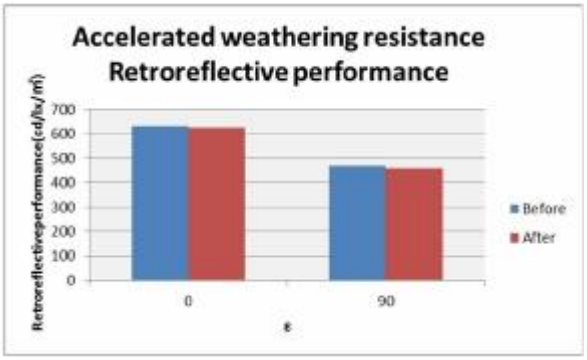


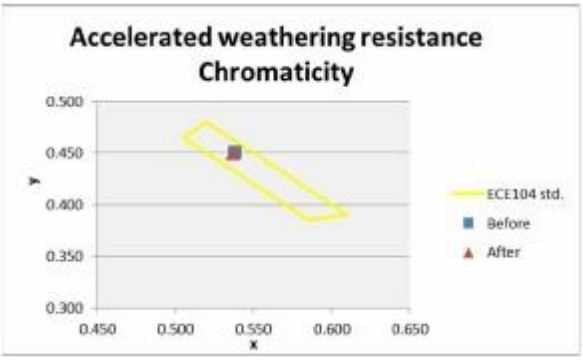


2. NIKKALITE 935041R - METALLIZING TYPE, YELLOW

GRADE				CRYSTALGRADE					
ITEM NO.				935041R					
COLOR				YELLOW					
RETROREFLECTIVE PERFORM ANCE R! (CD/LX/m²)β1=0°	R.A.(ε)	O.A.(α)	E.A.(β2)	ECE104 STANDARD				M EASURED	RESULT
	0	0.33	+5	≧300				632	PASS
	0	0.33	+30	≧130				280	PASS
	0	0.33	+40	≧75				151	PASS
	0	0.33	+60	≧10				15	PASS
	90	0.33	+5	≧300				469	PASS
	90	0.33	+30	≧130				226	PASS
	90	0.33	+40	≧75				127	PASS
	90	0.33	+60	≧10				23	PASS
CHROM ATICITY	A /ECE104 STANDARD			1	2	3	4	M EASURED	RESULT
	X			0.585	0.610	0.520	0.505	0.538	PASS
	Y			0.385	0.390	0.480	0.465	0.451	
R! (CD/LX/m²) β1=0°	R.A.(ε)	O.A.(α)	E.A.(β2)	ECE104 STANDARD				M EASURED	RESULT
	0	0.33	+5	≧240				624	PASS
	90	0.33	+5	≧240				460	PASS
CHROM ATICITY	A /ECE104 STANDARD			1	2	3	4	M EASURED	RESULT
	X			0.585	0.610	0.520	0.505	0.537	PASS
	Y			0.385	0.390	0.480	0.465	0.449	
A DHESION STRENGTH(N)	ECE104 STANDARD							M EASURED	RESULT
	≧10							24	PASS

※O.A. : OBSERVATION ANGLE E. A. : ENTRANCE ANGLE R. A. : ROTATION ANGLE





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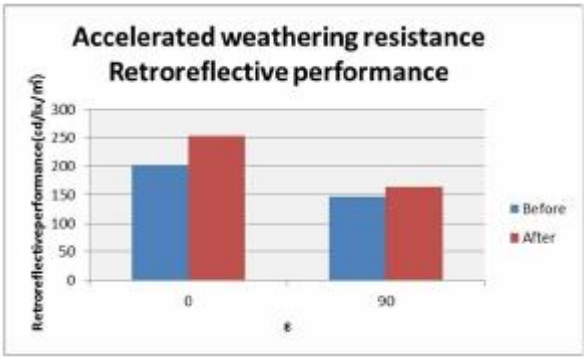
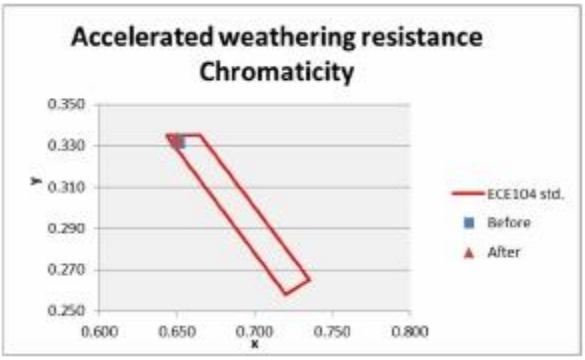
3. NIKKALITE 935051R - METALLIZING TYPE, RED

GRADE				CRYSTALGRADE					
ITEM NO.				935051R					
COLOR				RED					
RETROREFLECTIVE PERFORM ANCE R! (CD/LX/㎡) β1=0°	R.A.(ε)	O.A.(α)	E.A.(β2)	ECE104 STANDARD				M EASURED	RESULT
	0	0.33	+5	≧120				202	PASS
	0	0.33	+20	≧60				128	PASS
	0	0.33	+30	≧30				80	PASS
	0	0.33	+40	≧10				43	PASS
	90	0.33	+5	≧120				147	PASS
	90	0.33	+20	≧60				113	PASS
	90	0.33	+30	≧30				72	PASS
	90	0.33	+40	≧10				41	PASS
CHROM ATICITY	A /ECE104 STANDARD			1	2	3	4	M EASURED	RESULT
	X			0.720	0.735	0.665	0.643	0.651	PASS
	Y			0.258	0.265	0.335	0.335	0.332	
	R! (CD/LX/㎡) β1=0°	R.A.(ε)	O.A.(α)	E.A.(β2)	ECE104 STANDARD				M EASURED	RESULT
		0	0.33	+5	≧96				253	PASS
		90	0.33	+5	≧96				165	PASS
	CHROM ATICITY	A /ECE104 STANDARD			1	2	3	4	M EASURED	RESULT
		X			0.720	0.735	0.665	0.643	0.650	PASS
		Y			0.258	0.265	0.335	0.335	0.333	
A DHESION STRENGTH(N)	ECE104 STANDARD							M EASURED	RESULT	
	≧10							22.9	PASS	

※O.A. : OBSERVATION ANGLE E. A. : ENTRANCE ANGLE R. A. : ROTATION ANGLE





4. PRINT OF E MARKING

THE E MARKING IS THE PROOF OF THIS APPROVAL BY ECE R 104 REGULATION, AND THE NATIONAL TRAFFIC SAFETY AND ENVIRONMENT LABORATORY IN JAPAN ACCEPTED US TO PUT THIS E MARKING TO OUR NIKKALITE 93500 SERIES.

THE NATIONAL TRAFFIC SAFETY AND ENVIRONMENT LABORATORY IN JAPAN IS AN INDEPENDENT ADMINISTRATIVE AGENCY UNDER THE JURISDICTION OF THE MINISTRY OF LAND, INFRASTRUCTURE, TRANSPORT AND TOURISM IN JAPAN.

THESE RESULTS ABOVE ARE BASED ON ACTUAL MEASUREMENT, THEREFORE, THEY ARE REPRESENTATIVE PROPERTY OF OUR PRODUCT AND NOT GUARANTEED.