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Date: Mar 05, 2014

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CUSTOMER NAME: SHENZHEN RONGDA PHOTOSENSITIVE SCIENCE & TECHNOLOGY

CO., LTD

ADDRESS: FLOOR1-3R&DBUILDING, FIRSTSCIENCEPARK, FUYONGLAKELIXIN,

FUYONGSTREET, BAO' AN DISTRICT, SHENZHEN CITY

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : H-8100 WB5X SERIES OF PHOTOGRAPHIC WHITE OIL

SGS Ref. No. : CP14-007804

Model No. : H-8100 WB5X SERIES

Material and Lot No : 14000114

Date of Receipt : Mar 03, 2014

Testing Start Date : Mar 03, 2014

Testing End Date : Mar 05, 2014

Test result(s) : For further details, please refer to the following page(s)

Signed for

SGS-CSTC Standards Technical Services Co., Ltd. GZ Branch Testing

Center

Fiona Lau

Authorized signatory



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Summary of Results:

Garrinary of Module.				I
No.	Test Item	Test Method	Result	Conclusion
		With reference to ASTM		
1.	Coating Thickness	D7091-13 and client's	See results	/
		requirement		
	Spectral reflectance	Dravidad by aliant	Coo reculto	1
2.	measurement	Provided by client See results	/	

Note: Pass : Meet the requirements;

Fail: Does not meet the requirements;

/ : Not Apply to the judgment.



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1. Test Item: Coating Thickness

Sample Description: Panel with coating

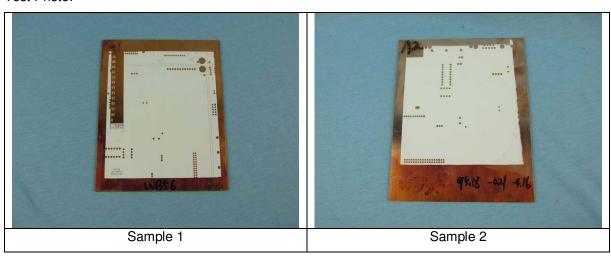
Test Method: With reference to ASTM D7091-13 and client's requirement

Test Condition: Ultrasonic thickness gauge

Test Result:

Sample	Coating Thickness (µm)
1 "A1"	20
2 "A2"	20
3 "A3"	20
4 "A4"	20

Test Photo:



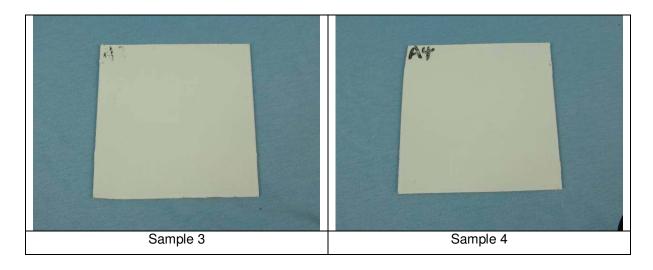
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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Ultrasonic Coating	PostTector	GZMR-AG-E110	2014-02-21	2015-02-20
Thickness Gage	200	GZIVIN-AG-ETTU	2014-02-21	2015-02-20

2. Test Item: Spectral reflectance measurement

Sample Description: Panel with coating

Test Method: Provided by client

Test Result:

Sample	Results
1 "A1"	See table1, table 2 and figure 1
2 "A2"	See table3, table 4 and figure 2
3 "A3"	See table5, table 6 and figure 3
4 "A4"	See table7, table 8 and figure 4

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Table 1 Spectral reflectance data with specular component included mode

Reflectance (%)
12.880
10.220
13.060
22.380
41.530
64.820
77.820
81.900
83.180
83.820
83.790
83.980
83.720
83.330
82.850
82.080
81.280
80.500
79.960
79.470
78.930
78.880
79.180
79.450
79.510
79.370
79.600
79.940
80.550
81.120
81.330
81.490
81.760
82.060

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Wavelength (nm)	Reflectance (%)
700	82.540
710	82.710
720	82.750
730	82.710
740	82.600
750	82.130

Table 2 Spectral reflectance data with specular component excluded mode

Wavelength (nm)	Reflectance (%)
360	8.620
370	6.220
380	9.370
390	18.690
400	37.930
410	60.830
420	73.440
430	77.580
440	78.930
450	79.490
460	79.660
470	79.600
480	79.430
490	79.050
500	78.460
510	77.830
520	76.970
530	76.270
540	75.610
550	75.210
560	74.710
570	74.580
580	74.960
590	75.170
600	75.290
610	75.180
620	75.400

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Wavelength (nm)	Reflectance (%)
630	75.740
640	76.210
650	76.770
660	76.930
670	77.100
680	77.560
690	77.870
700	78.240
710	78.330
720	78.400
730	78.340
740	78.300
750	78.010

Table 3 Spectral reflectance data with specular component included mode

Wavelength (nm)	Reflectance (%)
360	12.980
370	10.690
380	13.740
390	23.400
400	42.540
410	65.320
420	78.140
430	82.410
440	83.990
450	84.830
460	85.090
470	85.240
480	84.990
490	84.620
500	84.020
510	83.020
520	82.010
530	81.100
540	80.420
550	79.970

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Wavelength (nm)	Reflectance (%)
560	79.460
570	79.410
580	79.830
590	80.150
600	80.110
610	79.980
620	80.070
630	80.380
640	80.960
650	81.500
660	81.660
670	81.750
680	82.070
690	82.150
700	82.460
710	82.430
720	82.410
730	82.210
740	81.940
750	81.400

Table 4 Spectral reflectance data with specular component excluded mode

Wavelength (nm)	Reflectance (%)
360	8.700
370	6.570
380	9.910
390	19.590
400	38.830
410	61.080
420	73.450
430	77.690
440	79.350
450	80.240
460	80.460
470	80.550
480	80.440

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Wavelength (nm)	Reflectance (%)
490	79.940
500	79.280
510	78.450
520	77.350
530	76.440
540	75.800
550	75.380
560	74.890
570	74.790
580	75.260
590	75.630
600	75.760
610	75.510
620	75.540
630	75.850
640	76.250
650	76.810
660	76.940
670	77.160
680	77.540
690	77.720
700	77.850
710	77.880
720	77.820
730	77.540
740	77.470
750	77.000

Table 5 Spectral reflectance data with specular component included mode

Wavelength (nm)	Reflectance (%)	
360	13.250	
370	10.560	
380	13.500	
390	22.990	

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Wavelength (nm)	Reflectance (%)	
400	41.790	
410	63.920	
420	76.740	
430	81.180	
440	82.940	
450	84.130	
460	84.680	
470	85.280	
480	85.480	
490	85.360	
500	84.960	
510	84.300	
520	83.690	
530	82.940	
540	82.320	
550	81.860	
560	81.370	
570	81.210	
580	81.380	
590	81.320	
600	81.250	
610	81.040	
620	81.330	
630	81.680	
640	82.290	
650	82.820	
660	83.110	
670	83.390	
680	83.610	
690	83.790	
700	84.030	
710	84.080	
720	84.040	
730	83.830	
740	83.750	
750	83.320	

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Table 6 Spectral reflectance data with specular component excluded mode

Wavelength (nm)	Reflectance (%)		
360	9.890		
370	6.800		
380	10.140		
390	19.640		
400	38.510		
410	60.220		
420	72.570		
430	77.040		
440	78.870		
450	79.960		
460	80.600		
470	81.120		
480	81.390		
490	81.280		
500	80.790		
510	80.290		
520	79.560		
530	78.810		
540	78.000		
550	77.700		
560	77.240		
570	77.020		
580	77.190		
590	77.140		
600	77.130		
610	76.840		
620	77.140		
630	77.540		
640	77.920		
650	78.510		
660	78.740		
670	670 78.990		
680	680 79.430		
690	690 79.680		
700			
710	79.690		

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Wavelength (nm)	Reflectance (%)	
720	79.720	
730	79.600	
740	79.670	
750	79.300	

Table 7 Spectral reflectance data with specular component included mode

Wavelength (nm)	Reflectance (%)		
360	12.670		
370	10.270		
380	13.170		
390	22.720		
400	41.420		
410	63.190		
420	75.600		
430	79.820		
440	81.440		
450	82.680		
460	83.320		
470	84.000		
480	84.320		
490	84.320		
500	83.980		
510	83.400		
520	82.790		
530	82.110		
540	81.520		
550	81.190		
560	80.800		
570	80.650		
580	80.830		
590	80.870		
600	80.880		
610	10 80.670		
620	80.930		
630	81.290		
640	81.960		

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Wavelength (nm)	Reflectance (%)	
650	82.490	
660	82.680	
670	82.910	
680	83.220	
690	83.360	
700	83.560	
710	83.610	
720	83.670	
730	83.490	
740	83.320	
750	82.820	

Table 8 Spectral reflectance data with specular component excluded mode

Wavelength (nm)	Reflectance (%)		
360	9.520		
370	6.630		
380	9.840		
390	19.300		
400	38.090		
410	59.490		
420	71.510		
430	75.710		
440	77.440		
450	78.600		
460	79.260		
470	79.880		
480	80.140		
490	80.180		
500	79.800		
510	79.310		
520	78.640		
530	77.930		
540	77.210		
550	76.970		
560	76.570		
570	76.380		

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Wavelength (nm)	Reflectance (%)		
580	76.600		
590	76.680		
600	76.750		
610	76.500		
620	76.720		
630	77.030		
640	77.580		
650	78.170		
660	78.320		
670	78.570		
680	78.990		
690	79.290		
700	79.440		
710	79.310		
720	79.300		
730	79.150		
740	79.210		
750	78.830		

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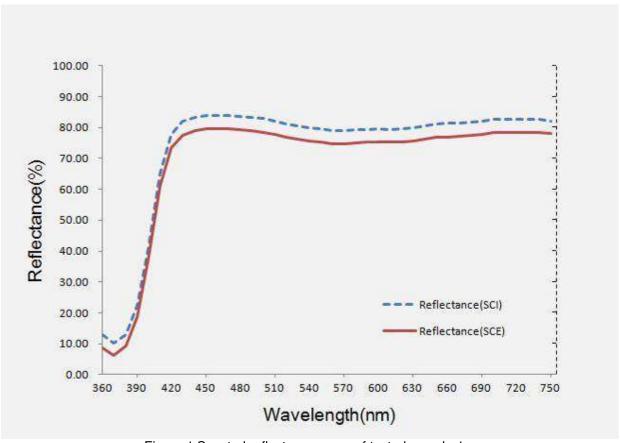


Figure 1 Spectral reflectance curve of tested sample 1

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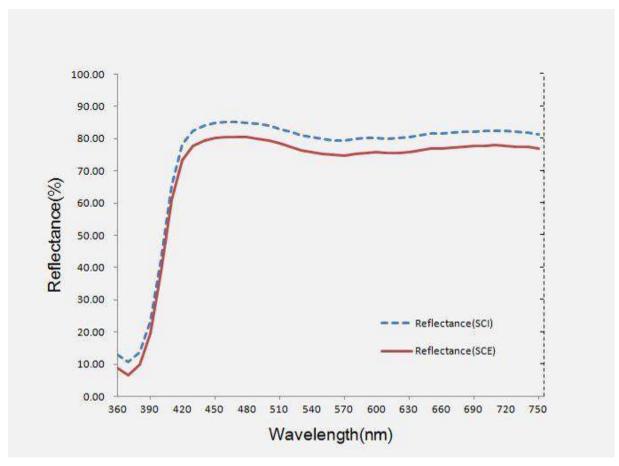


Figure 2 Spectral reflectance curve of tested sample 2

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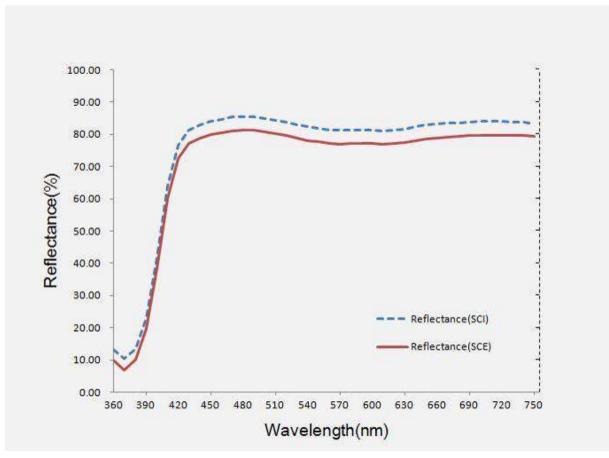


Figure 3 Spectral reflectance curve of tested sample 3

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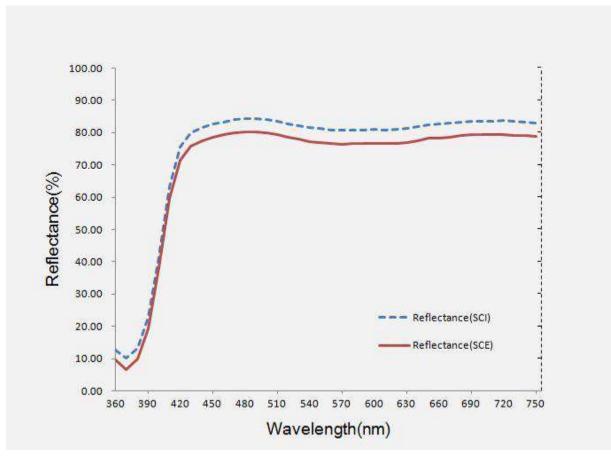


Figure 4 Spectral reflectance curve of tested sample 4

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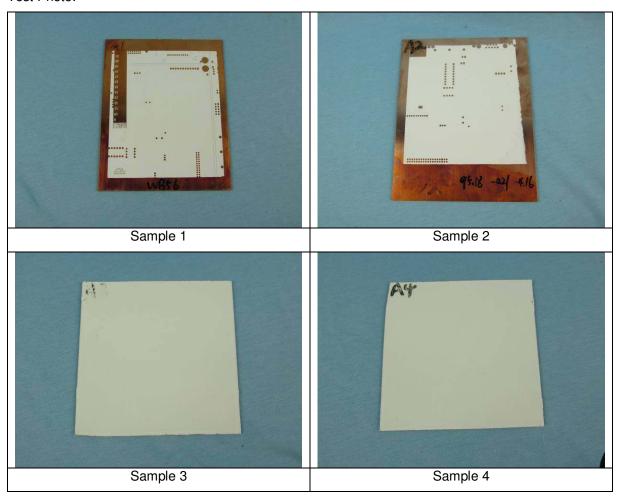


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Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
colorimeter	XTH	GZMR-AG-E093	2013-09-04	2014-09-03

****** End of report******

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