

Test Report

Report No.: TS25060459



Verify authenticity

Applicant	Mid Ocean Brands B.V
Address	Unit 711-716,7/F.,Tower A,83 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Report Date	2025-06-17

Hangzhou C&K Testing Technic Co., Ltd.



Hangzhou C&K Testing Technic Co., Ltd

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Test Report

Applicant	Mid Ocean Brands B.V
Address	Unit 711-716,7/F.,Tower A,83 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Sample Name	Trolley with front compartment
Type/ Model	MO2742
Material/Colour	BLACK
Other Info.	Your vendor code:113098
The sample information included above and test component(s) are provided and confirmed by the applicant	
Sample Received Date	2025-06-09
Test Period	2025-06-09~2025-06-17
Test Requirement	To determine the following items in the submitted sample(s) according to the client's requirement.

Test Item(s)	Test Result(s)
Azo Dyes Content-Refer to the REACH Annex XVII of Regulation (EC) No 1907/2006 Entry 43	Pass
PAHs Content-Refer to the REACH Annex XVII of Regulation (EC) No 1907/2006 Entry 50	Pass
Phthalates Content-Refer to the REACH Annex XVII of Regulation (EC) No 1907/2006 Entry 51&52	Pass
Lead(Pb) Content-Refer to the REACH Annex XVII of Regulation (EC) No 1907/2006 Entry 63	Pass
Cadmium (Cd) Content-Refer to the REACH Annex XVII of Regulation (EC) No 1907/2006 Entry 23	Pass
Color Fastness to Rubbing	Pass

Prepared by: Meng Qi
Meng Qi

Reviewed by: Li Xuefeng
Li Xuefeng

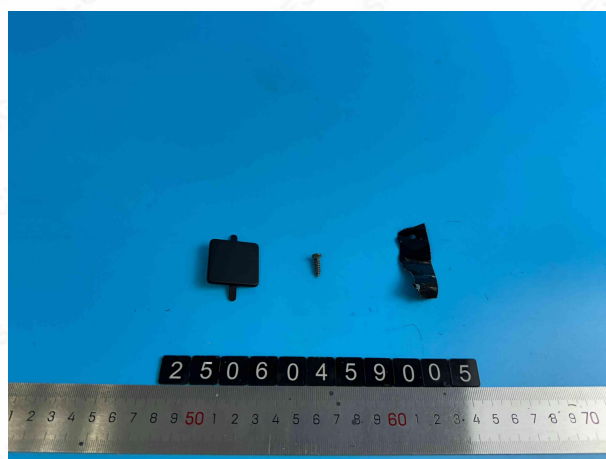
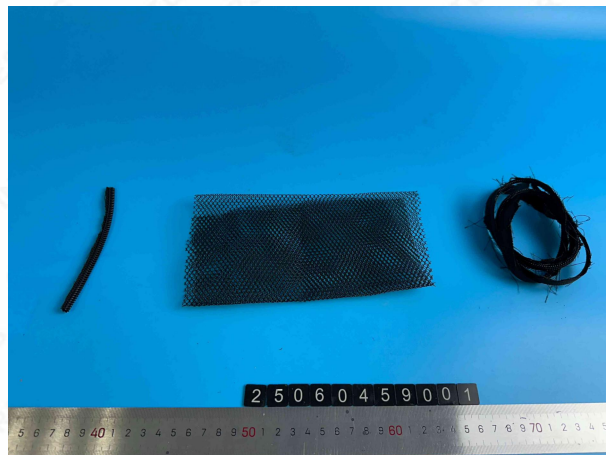
Accredited
Signatory by: Zhang Yangyang
Zhang Yangyang
Issue date: 2025-06-17

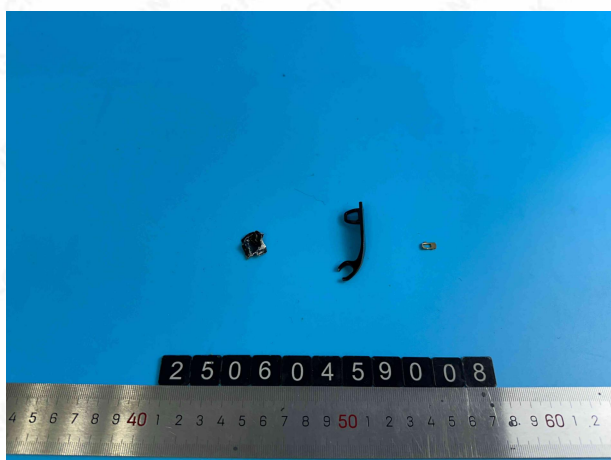
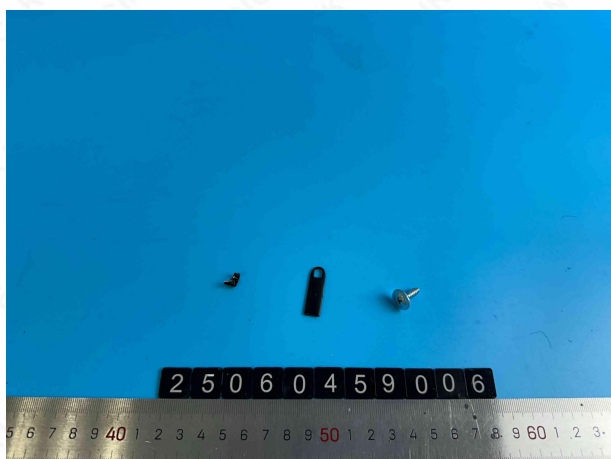
Test Component(s):

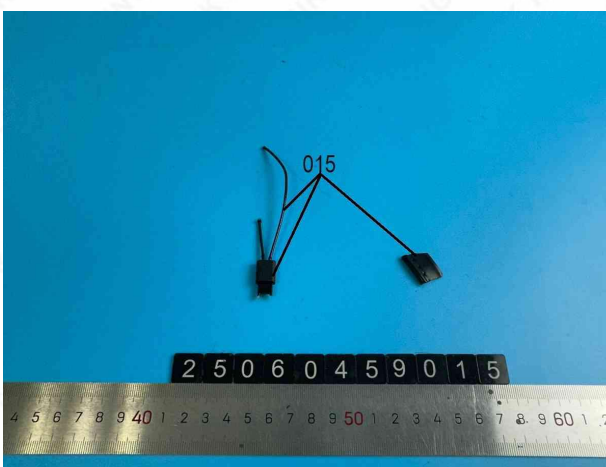
No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
001	TS25060459001	Black Zipper Fabric (Main case / front pocket)+ Black lining mesh fabric + Black lining zipper fabric (lining)	/	/	/
002	TS25060459002	Black Lining+Black Lining+Piping fabric	/	/	/
003	TS25060459003	Black Elastic Band+Black webbing+Black binding fabric	/	/	/
004	TS25060459004	Black velcro	/	/	/
005	TS25060459005	Black metal badge+Black Metal Trolley Pole (Under Paint)+Black Metal Screw (on Trolley Pole)	/	/	/
006	TS25060459006	Black Metal pin+Black Metal Zipper Puller (lining)+Black inside screw metal	/	/	/
007	TS25060459007	Black Metal Zipper Slider (lining)+Black Metal Zipper Slider (Main case / front pocket)+Black Metal Zipper Puller (Main case)	/	/	/
008	TS25060459008	Black metal inner trolley+Black metal Zipper Puller (front pocket)+Black Metal key hole	/	/	/
009	TS25060459009	Silver Metal switch+Silver Metal Pad(bottom)+Silver Metal lock (on Trolley Pole)	/	/	/
010	TS25060459010	Black Plastic front Cover+Black Soft Plastic Binding+Black Plastic Lock	/	/	/
011	TS25060459011	Gear plastic with white print (Lock)+Black Plastic Zipper Teeth (Main case / front pocket)	/	/	/
012	TS25060459012	Black Button plastic+Black Plastic Trolley Handle	/	/	/
013	TS25060459013	Black Plastic Trolley handle cover+Black Plastic Handle+Black Soft Plastic Handle grip	/	/	/
014	TS25060459014	Handle holder plastic+Black zipper teeth plastic (lining)+Black Plastic back Cover	/	/	/

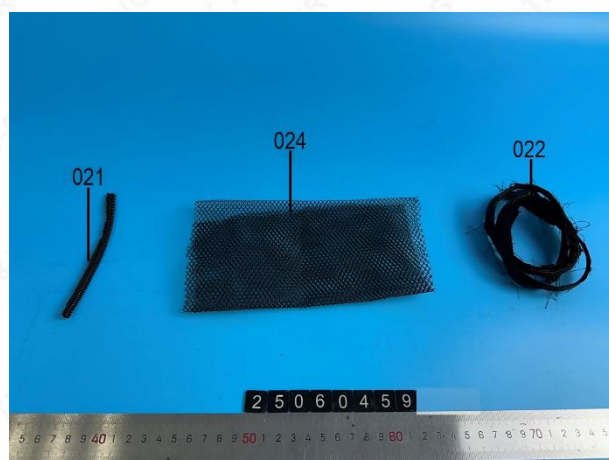
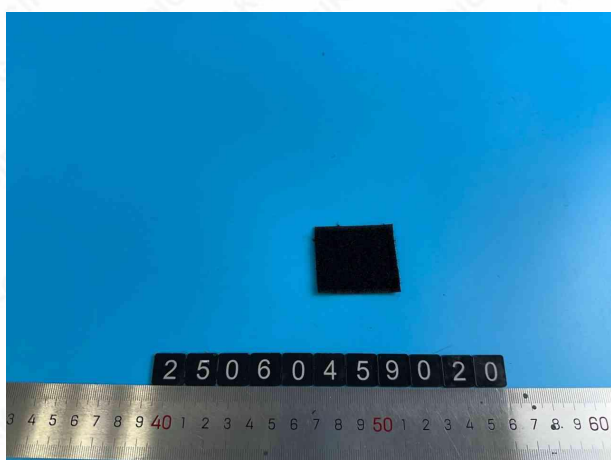
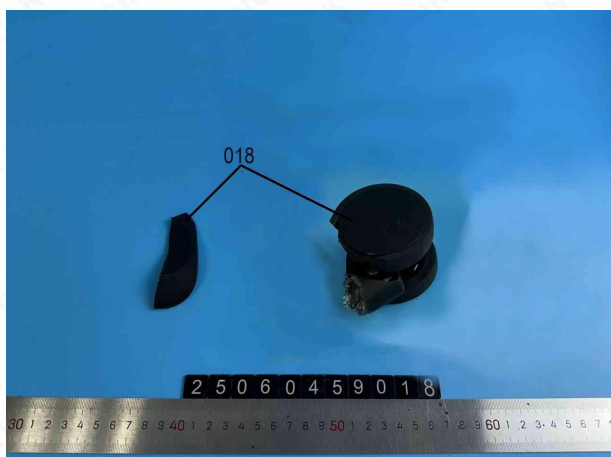
No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
015	TS25060459015	Zipper loop plastic cover+Piping soft plastic+Black plastic puller holder	/	/	/
016	TS25060459016	Black Plastic Wheel Holder+Black Soft Plastic Wheel+Black Plastic Tube connector plastic	/	/	/
017	TS25060459017	Black Plastic Buckle+Black plastic base+Trolley Inside base plastic	/	/	/
018	TS25060459018	Black Plastic Wheel Support+TSA logo plastic+Black Plastic Wheel core	/	/	/
019	TS25060459019	Black non-woven tape with adhesive	/	/	/
020	TS25060459020	inside foam material (front pocket)	/	/	/
021	TS25060459021	Black Zipper Fabric (Main case / front pocket)	/	/	/
022	TS25060459022	Black zipper fabric (lining)	/	/	/
023	TS25060459023	Black Elastic Band	/	/	/
024	TS25060459024	Black lining mesh fabric	/	/	/
025	TS25060459025	Black Lining	/	/	/
026	TS25060459026	Black Lining	/	/	/
027	TS25060459027	Black webbing	/	/	/
028	TS25060459028	Piping fabric	/	/	/
029	TS25060459029	Black binding fabric	/	/	/
030	TS25060459030	Black non-woven tape with adhesive	/	/	/

Photo(s):











Test Result(s):**Azo Dyes Content**

Test method: ISO 14362-1:2017

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)			
					001	002	003	019
2,4,5-Trimethylaniline	137-17-7	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
2,4-Diaminoanisole	615-05-4	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
2,4-Toluylenediamine	95-80-7	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
P-Cresidine	120-71-8	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
2-Naphthylamine	91-59-8	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
4,4'-Methylenedi-O-Toluidine	838-88-0	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine	119-93-7	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine	119-90-4	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
3,3'-Dichlorobenzidine	91-94-1	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylmethane	101-77-9	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
4,4'-Thiodianiline	139-65-1	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
4,4'-Oxydianiline	101-80-4	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
4,4'-Methylene-Bis- (2-Chloro-Aniline)	101-14-4	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
4-Aminobiphenyl	92-67-1	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
4-Aminoazobenzene	60-09-3	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
4-Chloro-O-Toluidine	95-69-2	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
5-Nitro-o-Toluidine	99-55-8	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
4-Chloroaniline	106-47-8	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Benzidine	92-87-5	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
O-anisidine	90-04-0	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
O-aminoazotoluene	97-56-3	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.
O-toluidine	95-53-4	≤30	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)
2. Testing equipment:GC-MS
3. Method of quantification: internal standard method

PAHs Content

Test Method: AfPS GS 2019:01 PAK

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)		
					010	011	012
Benzo (a) anthracene (BaA)	56-55-3	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (a) pyrene (BaP)	50-32-8	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (b) fluoranthene (BbF)	205-99-2	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (e) pyrene (BeP)	192-97-2	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (j) fluoranthene (BjF)	205-82-3	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (k) fluoranthene (BkF)	207-08-9	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Dibenzo (a,h) anthracene (DBA)	53-70-3	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Chrysene (CHR)	218-01-9	≤1	0.2	mg/kg	N.D.	N.D.	N.D.

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)		
					013	014	015
Benzo (a) anthracene (BaA)	56-55-3	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (a) pyrene (BaP)	50-32-8	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (b) fluoranthene (BbF)	205-99-2	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (e) pyrene (BeP)	192-97-2	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (j) fluoranthene (BjF)	205-82-3	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Benzo (k) fluoranthene (BkF)	207-08-9	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Dibenzo (a,h) anthracene (DBA)	53-70-3	≤1	0.2	mg/kg	N.D.	N.D.	N.D.
Chrysene (CHR)	218-01-9	≤1	0.2	mg/kg	N.D.	N.D.	N.D.

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Phthalates Content

Test method: Diisobutyl phthalate(DIBP): Refer to EN 14372:2004; Others: EN 14372:2004

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)			
					010	011	012	013
Diisobutyl phthalate(DIBP)	84-69-5	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Dibutylphthalate(DBP)	84-74-2	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Butylbenzylphthalate(BBP)	85-68-7	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl)-phthalate (DEHP)	117-81-7	/	0.001	%	N.D.	N.D.	N.D.	N.D.
SUM (DIBP+DBP+BBP+DEHP)	/	<0.1	0.004	%	N.D.	N.D.	N.D.	N.D.
Di-n-octyl phthalate(DNOP)	117-84-0	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Di-iso-nonylphthalate(DINP)	28553-12-0	/	0.005	%	N.D.	N.D.	N.D.	N.D.
Di-iso-decylphthalate(DIDP)	26761-40-0	/	0.005	%	N.D.	N.D.	N.D.	N.D.
SUM (DNOP+DINP+DIDP)	/	<0.1	0.011	%	N.D.	N.D.	N.D.	N.D.

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)			
					014	015	016	017
Diisobutyl phthalate(DIBP)	84-69-5	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Dibutylphthalate(DBP)	84-74-2	/	0.001	%	N.D.	0.003	N.D.	N.D.
Butylbenzylphthalate(BBP)	85-68-7	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl)-phthalate (DEHP)	117-81-7	/	0.001	%	N.D.	0.008	0.002	0.008
SUM (DIBP+DBP+BBP+DEHP)	/	<0.1	0.004	%	N.D.	0.011	N.D.	0.008
Di-n-octyl phthalate(DNOP)	117-84-0	/	0.001	%	N.D.	N.D.	N.D.	N.D.
Di-iso-nonylphthalate(DINP)	28553-12-0	/	0.005	%	N.D.	N.D.	N.D.	N.D.
Di-iso-decylphthalate(DIDP)	26761-40-0	/	0.005	%	N.D.	N.D.	N.D.	N.D.
SUM (DNOP+DINP+DIDP)	/	<0.1	0.011	%	N.D.	N.D.	N.D.	N.D.

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Phthalates Content

Test method: Diisobutyl phthalate(DIBP): Refer to EN 14372:2004; Others: EN 14372:2004

Test Item(s)	CAS No.	Requirement	MDL	Unit	Test Result(s)		
					018	019	020
Diisobutyl phthalate(DIBP)	84-69-5	/	0.001	%	N.D.	N.D.	N.D.
Dibutylphthalate(DBP)	84-74-2	/	0.001	%	N.D.	N.D.	N.D.
Butylbenzylphthalate(BBP)	85-68-7	/	0.001	%	N.D.	N.D.	N.D.
Di-(2-ethylhexyl)-phthalate (DEHP)	117-81-7	/	0.001	%	N.D.	N.D.	N.D.
SUM (DIBP+DBP+BBP+DEHP)	/	<0.1	0.004	%	N.D.	N.D.	N.D.
Di-n-octyl phthalate(DNOP)	117-84-0	/	0.001	%	N.D.	N.D.	N.D.
Di-iso-nonylphthalate(DINP)	28553-12-0	/	0.005	%	N.D.	N.D.	N.D.
Di-iso-decylphthalate(DIDP)	26761-40-0	/	0.005	%	N.D.	N.D.	N.D.
SUM (DNOP+DINP+DIDP)	/	<0.1	0.011	%	N.D.	N.D.	N.D.

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Lead (Pb) Content

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)				
					001	002	003	004	010
Lead (Pb)	EPA 3052:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)				
					011	012	013	014	015
Lead (Pb)	EPA 3052:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					016	017	018	019
Lead (Pb)	EPA 3052:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.	N.D.	20	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)				
					005	006	007	008	009
Lead (Pb)	EPA 3050B:1996; EPA 6010D:2018	<500	5	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Cadmium (Cd) Content

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					005	006	007	008
Cadmium (Cd)	EPA 3050B:1996; EPA 6010D:2018	<100	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					010	011	012	013
Cadmium (Cd)	EN 1122:2001	<100	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)			
					014	015	016	017
Cadmium (Cd)	EN 1122:2001	<100	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test method	Requirement	MDL	Unit	Test Result(s)		
					018	019	020
Cadmium (Cd)	EN 1122:2001	<100	5	mg/kg	N.D.	N.D.	N.D.

Remark:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Color Fastness to Rubbing

Test Item(s)		Test method	Requirement	Unit	Test Result(s)				
					021	022	023	024	025
Color Fastness to Rubbing	Dry	EN ISO 105-X12:2016	≥2-3	Grade	4-5	4-5	4-5	4-5	4-5
	Wet		≥2-3	Grade	4-5	4-5	4-5	4-5	4-5

Test Item(s)		Test method	Requirement	Unit	Test Result(s)				
					026	027	028	029	030
Color Fastness to Rubbing	Dry	EN ISO 105-X12:2016	≥2-3	Grade	4-5	4-5	4-5	4	4-5
	Wet		≥2-3	Grade	4-5	4-5	4-5	4-5	4-5

Remark:

1. Grade 1– The Worst, Grade 3- Middle Grade, Grade 5– The Best

2. Source Light: D65

Statement:

- I This report is invalid without the signature of accredited signatory. Any alteration to this report is also invalid.
- II This report is invalid without the special seal of inspection & testing.
- III This report shall not be part copy without written approval of Hangzhou C&K Testing Technic Co., Ltd..
- IV This report is only for scientific research, teaching, internal quality control of enterprises, etc without the seal of China Metrology Accreditation.
- V The test results shown in this report refer only to the sample submitted by applicant.
- VI Please contact to Hangzhou C&K Testing Technic Co., Ltd. within fifteen working days upon receipt of this report if there is any objection.
- VII The quantity of the sample does not meet the requirements of retest and arbitration, it shall be regarded as the customer waiving the right of retest and arbitration.
- VIII Hangzhou C&K Testing Technic Co., Ltd. guarantee that we shall not disclose information such as the commercial information, technical documents or test report to any third party.
- IX The applicant should undertake the legal responsibility that result from providing untruth information.

The end of report