

MANUFACTURE FACILITY

manufacturing base covers more than 10,000 square meters, equipped with advanced lab and experienced technical team, which ensure a customized production to customer's special requirements.

To produce WPC with first-class quality, cost effective performance, best cus-tomer experience, has been the direction we insist on pursuing.



20+ years

Manufacture Experience





152
Senior Staffs



16
Product Test Equipment



600+
Containers
per year



Advanced Production Lines



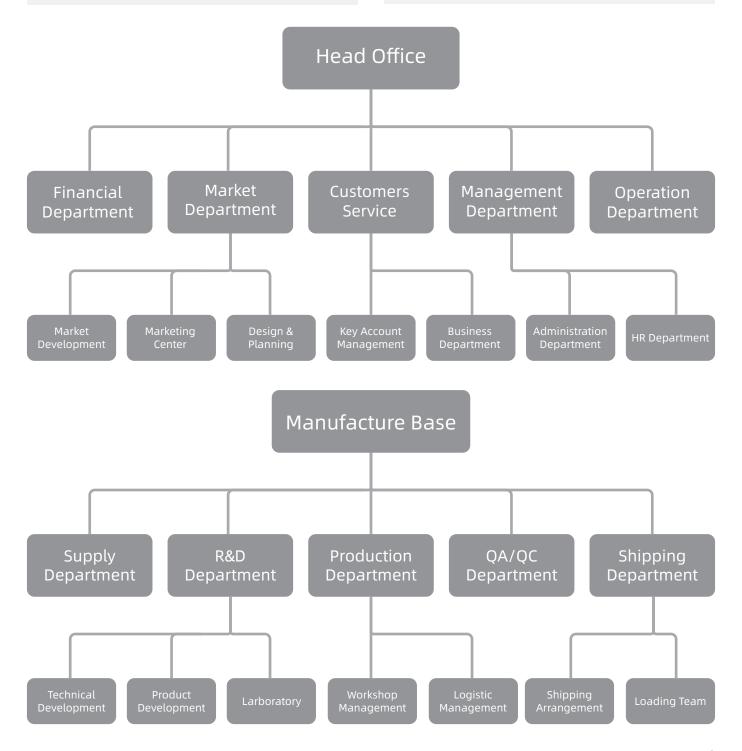
110 Product Mold

ORGANIZATION STRUCTURE

ORGANIZATION STRUCTURE

We have a well-organized structure. The headquarters office leads the company's affairs and customer service support. The production base is responsible for order

production and shipping arrangements. Every department is in close contact and orderly operation.



PRODUCT PROFILE - OUTDOOR WPC

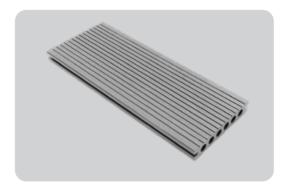
OUTDOOR DECKING

GROOVE™ SERIES

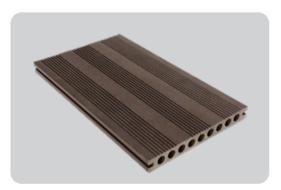
PRODUCT ITEM



ITEM: TW-02 SIZE: 150×25mm



ITEM: TS-07 **SIZE:** 140×25mm



ITEM: TS-04
SIZE: 200×25mm



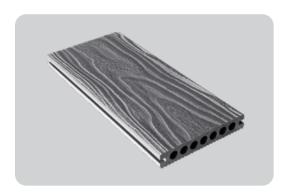
ITEM: CD-01 SIZE: 140×21mm



OUTDOOR DECKING

3D GRAIN™ SERIES

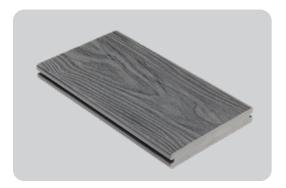
PRODUCT ITEM



ITEM: TS-03 SIZE: 150×25mm



ITEM: CD-03 **SIZE:** 140×25mm



ITEM: TW-K03 SIZE: 150×25mm



ITEM: TS-06 SIZE: 200×25mm



OUTDOOR DECKING

CAPPED PRO™ SERIES

PRODUCT ITEM



ITEM: CO-02 **SIZE:** 140×23mm



ITEM: CO-03 **SIZE:** 138×23mm



ITEM: CO-05 **SIZE:** 200×24mm



ITEM: CO-10 **SIZE:** 225×30mm



GROOVE™ SERIES

PRODUCT ITEM



ITEM: TF-04N SIZE: 140×21mm



ITEM: TF-04K
SIZE: 157×21mm



SAND™ SERIES

PRODUCT ITEM

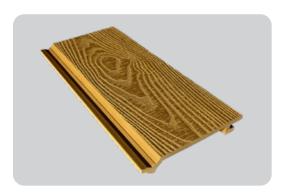


ITEM: TF-04W SIZE: 157×21mm



3D GRAIN™ SERIES

PRODUCT ITEM



ITEM: CW-02 SIZE: 157×21mm



CAPPED™ SERIES

PRODUCT ITEM



ITEM: CO-07 **SIZE:** 157×21mm



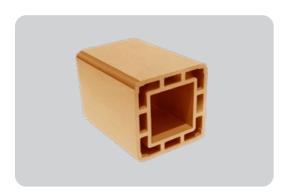
ITEM: CO-09 **SIZE:** 219×26mm



OUTDOOR PROFILE

SAND™ SERIES

PRODUCT ITEM



ITEM: TF-02K SIZE: 180×180mm



ITEM: TH-14B SIZE: 200x80mm



ITEM: TF-02R SIZE: 120×120mm

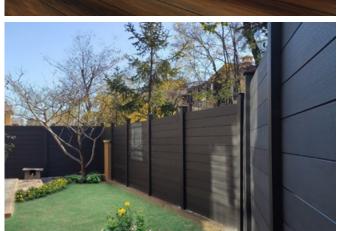


ITEM: TH-24 **SIZE:** 100×50mm

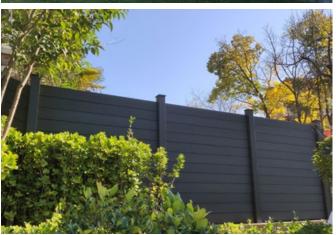


OUTDOOR FENCING







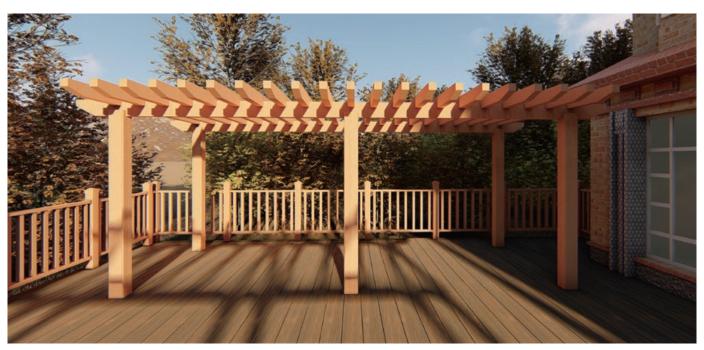


OUTDOOR RAILING





OUTDOOR PERGOLA









MATERIAL SPECIFICATION -Outdoor WPC

COMPOSITE & PERFORMANCE

Outdoor WPC Product Main Composition Information

Item(s)	Description(s)	Content
Wood Fiber	80 mesh white poplar wood fiber	50%
Plastic Particle	High quality HDPE plastic resin	38%
Additives	1) Light stabilizer 4) Coupling agents 2) Anti-UV additive 5) Color pigment 3) Anti-Aging additive	12%

Outdoor WPC Product Physical and Chemical Properties

Item(s)	Test Result(s)	Test Method(s)
Density	1.33g/cm3	ASTM D792-00
Moisture Content	0.2%	ASTM D7031-11 Section 5.15 ASTM D4442-16 Method B
Screw withdrawal test	3353N	ASTM D7032-17 Section 5.5 ASTM D1761-12
Impact Resistance	>133J	ASTM D4495-16
Specific Gravity	1.31	ASTM D7031-11 Section 5.14 ASTM D792-13 Method A
Shore Hardness	D/70/1	ASTM D2240-15
Mouldproof level	0[1]	ASTM G 21-15
Formaldehyde Emission	0.02ppm[2]	ASTM D6007 -14
Soluble heavy metal	ND[3]	ASTM F963- 16(Clause 8.3)
Fire-Proof Level	Bf1	EN ISO 9239-1:2010 EN ISO 11925-2:2010+AC:2011

^[1] Mold rating standard: 0 — No mildew or discoloration on the surface

^{[2] 1} ppm = 1 mg/kg = 0.0001%

^[3] ND = Not detected (< Method detection limit)

WPC FEATURE

WPC products have high strength, weather resistance, aging resistance and UV resistance. It can be used in indoor and outdoor environments without deterioration, mold, cracking and rot.

WPC product is manufactured by extrusion process, the color, size, shape and surface can be customized according to needs. It

can be widely used in various indoor and outdoor construction projects.

WPC materials are a sustainable and emerging industry, because WPC raw materials-wood fibers and resins can be recycled, which can minimize the cost of use and save forest resources.



Water-proof Material



Long Life



Termite Resistance



Impact Resistance





Scratch Resistance



Weather Adaptability



Low Maintenance



Mold Resistance

TEST REPORT -Outdoor WPC



TEST REPORT

Date: Mar.12, 2018 Page: 1 of 9

CUSTOMER NAME:

QINGDAO BAREFOOT CONSTRUCTION MATERIAL CO., LTD

ADDRESS:

NO.5 JINYUAN ROAD, CHENGYANG DISTRICT, QINGDAO, SHANDONG, CHINA

Sample Name

: WPC PLANK

Manufacturer : COOWIN

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by relient.

Selected test(s) as requested by applicant

SGS Ref. No.

GZIN1801002824CM, GZIN1801001783MR, CANMLC1800961201, SDHL1801000789FB

Date of Receipt Testing Start Date

: Jan.09, 2018 : Mar.12, 2018

Testing End Date Test result(s)

Signed for SGS-CSTC Standards Technical Services Co., Ltd. XM Branch

Authorized Signatory





TEST REPORT

Date: Mar.12, 2018 Page: 2 of 9

Summary of Results:

Lab Environmental Condition: (23±2) °C, (50±5)%RH

No.	Test Item(s)	Test Method(s)	Test condition	Test Result(s)	
1	Flexural Strength	ASTM D7031-11 Section 5.5 &	ection 5.5 & Precondition: 23±2°C, 50±5%HH, 48h		
'	Modulus of Elasticity	ASTM D6109-13 method A	Load span: 139mm Support span: 416mm	3833 Mpa	
2	Screw withdrawal test	ASTM D7032-17 Section 5.5 & &ASTM D1761-12	Specimen: 152mm+152mm+25emm, 5pcs Precondition: 20:2°C, 50:5%RH, 48h Testing speed: 2.54mmimin Diameter of screw: 3.8mm Lead hole diameter: 2.5mm Depth of screw penetration: 17mm Depth of lead hole ponetration: 13mm	3353 N	
3	Nail withdrawal test	01/61-12	Specimen: 152mm×152mm×26mm, 5pcs Precondition: 20±2°C, 50±5%RH, 48h Testing speed: 2.54mm/min Diameter of nail: 3.0mm Depth of screw penetration: 20mm	408 N	
4	Compression Parallel to Grain	ASTM D198-17 Section 13-Section 20	Specimen: 150mm×150mm×25mm, 5pcs Precondition: 23±2°C, 50±5°K,RH, 48h Testing speed: 300N/s Loading direction: parallel to grain	28.3 MPa	
5	Compression Perpendicular to Grain	Refer to ASTM D198-17 Section 13-Section 20	Specimen: 150mm×150mm×25mm, 5pcs Precondition: 23±2°C, 50±5%RH, 48h Testing speed: 300N/s Loading direction: perpendicular to grain	21.6 MPa	
6	Impact Resistance	ASTM D4495-16	Specimen: 150mm×150mm×26mm Mass of Falling Weight: 10lb Diameter of Falling Weight: 63.5mm	>133 J **** 2	
7	Deflection Temperature under Load	ASTM D648-16 Method B	Specimen: 127mm×6.20mm×13.03mm Heat-transfer media: Silicone oil Rate of temperature: 120°C /h Load: 1.82MPa Span: 100mm	65.4 °C	
8	Specific Gravity	ASTM D7031-11 Section 5.14 & ASTM D792-13 Method A	Deionized water, (23±2) °C	1.31	
		The second state of the se			

****** To be continued*******



Region (fact Region ber Helder Str. Street, Fabrihania, Chris. 1811) 1 (8-50), 17887 1 (8-50), 17888 1 (8-50), 17888 1 (8-50), 17810 1 (8-50)

SGS

TEST REPORT

No.: XMIN180100064CCM Date: Mar.12, 2018 Page: 3 of 9

No.	Test Item(s)	Test Method(s)	Test condition	Test Result(s)
9	Moisture Content	ASTM D7031-11 Section 5.15 & ASTM D4442-16 Method B	Specimen: 51mm×50mm×9.3mm Precondition: (103±2) °C to constant mass	0.20%
10	Shear Strength	ASTM D732-17	Specimen thickness: 9.84mm Punch diameter: 25mm Testing speed: 1.3mm/min	14.0MPa
11	Shore Hardness	ASTM D2240-15	Specimen thickness:9.35mm The smooth surface was tested	D/70/1 tole 5
12	Tensile Strength	ASTM D638-14	Specimen: Type IV Specimen thickness: 3.25 mm Testing speed: 5 mm/min Distance between grips: 65 mm	9.91MPa
13	Water Absorption(24h)	Refer to GB/T 17657- 0213 Section 4.6	Specimen: 150mm×150mm×26mm Precondition: (20±2) °C, (65±5)%RH, 24h Immersion condition: (20±1) °C, 24h	0.37% ****
14	Formaldehyde Emission	With reference to ASTM D6007 -14	Analysis was performed by UV Vis. Conditioning for 7 days at 24 °C and 50% relative humidity.	See the annex a
15	Soluble heavy metal	With reference to ASTM F963- 16(Clause 8.3)	Analysis was performed by ICP-OES.	See the annex b
16	Flame Spread Index	ASTM E84-17	See the annex c	FSI: 40

Index 1. Test items 6-12, 14, 15 were carried out by SGS-CSTC Standards Technical Services Co., Ltd. Guargzhou Branch and best item 16 was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch.

2. The test recut exceeded the upper limit of the testion.

3. The test specimens of limit of the testion.

4. The test specimens of limit of the testion of the original samples.

5. DXT Indicated that D is the type of ducrenter. I is a the reading time? A is the hardness value.

6. Water absorption, %—(Mass after immersion Mass before immersion/Mass before immersion-100 members of the testion of testion of the tes



| No.27 Septem Staglis Intrinsional Sea Service Serv



TEST REPORT

No. : XMIN180100064CCM Date: Mar.12, 2018 Page: 4 of 9

Formaldehyde Emission

Remarks:
(1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) *-* = Not Regulated

Test Method:

With reference to ASTM D6007-14, analysis was performed by UV-Vis. Conditioning for 7 days at 24°C and 50% relative humidity.

Test Result:

Test Item(s)

Unit MDL Result Formaldehyde Emission 0.01

Notes:

1. ppm = parts of formaldehyde per million parts air

2. Maximum Permissible Limit according to Section 99120.2, Title 17, California Code of Regulation:

Effective	Phase 1(P1) and Phase 2(P2) Emission Standards(ppm)				
Date	HWPW-VC	HWPW-CC	PB	MDF	Thin MDF
1-1-2009	P1:0.08		P1.0.18	P1:0.21	P1:0.21
7-1-2009		P1.0.08	_		-
1-1-2010	P2:0.05				
1-1-2011	-		P2.0.09	P2.0.11	
1-1-2012			-	-	P2.0.13
7-1-2012		P2 0.05	-		-

"" To be continued""



| No. | A complete Control Description | Co



TEST REPORT

Date: Mar.12, 2018 Page: 5 of 9

American Society for Testing and Materials - ASTM F 963-16(Clause 4.3.5) - total Lead in Substrate

(1) 1 mg/kg = 1 ppm = 0.0001% (2) MDL = Method Detection Limi (3) ND = Not Detected (< MDL) (4) *-" = Not Regulated

Test Method:

With reference to CPSC-CH-E1002-08.3. Analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	Result
Total Lead (Pb)	100	mg/kg	20	ND

American Society for Testing and Materials-ASTM F 963-16(Clause 4.3.5)-soluble heavy metal in Substrate Materials/paint and similar surface-coating materials

Test Method:

With reference to ASTM F 963-16(Clause 8.3), analysis was performed by ICP-OES.

Test Result:

Test Item(s)	Limit	Unit	MDL	Result
Soluble Lead (Pb)	90	mg/kg	5	ND.
Soluble Antimony (Sb)	60	mg/kg	5	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND
Soluble Barium (Ba)	1,000	mg/kg	10	11
Soluble Cadmium (Cd)	75	mg/kg	5	ND:
Soluble Chromium (Cr)	60	mg/kg	5	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND
Soluble Selenium (Se)	500	mg/kg	10	ND

Soluble Selenium (Se)

Notes: Results shown are of the adjusted analytical results

""" To be continued""



| Telefolds | Te



TEST REPORT

No.: XMIN180100064CCM Date: Mar.12, 2018 Page: 6 of 9

Annex C

Flame Spread Index

Test Conducted:

Flame Spread Index (FSI) test according to ASTM E84-17 Standard Test Method for Surface Burning Characteristics of Building Materials

Introduction:

The method, designated as ASTM E84-17, "Standard Method of Test for Surface Burning Characteristics of Building Materials", is designed to determine the relative surface burning characteristics of materials under specific test conditions. Results are expressed in terms of flame spread index (FSI) and smoke developed index (SDI).

The purpose of this test method is to determine the relative burning behavior of the material by observing the flame spread along the specimen. Flame spread and smoke developed index are reported. However, there is not necessarily a relationship between these two measurements.

Test Procedure:

The tunnel is preheated to 150°F, as measured by the floor-embedded thermocouple located 23.25 feet downstream of the burner ports, and allowed to cool to 105 °F, as measured by the floor-embedded thermocouple located 13 feet from the burners. At this time the tunnel lid is raised and the test sample is placed along the ledges of the tunnel so as to form a continuous ceiling 24 feet long, 12 inches above the floor. The lid is then lowered into place.

Upon ignition of the gas burners, the flame spread distance is observed and recorded every 15 seconds. Fiame spread distance versus time is plotted ignoring any flame front recessions. If the area under the curve (A) is less than or equal to 97.5 min-ft, FSI = 0.515-A; if greater, FSI = 4900 (195-A). Smoke developed is determined by comparing the area under the obscuration curve for the test sample to that of inorganic reinforced cement board and red oak, arbitrarily established as 0 and 100, respectively.

Sample Description:

Thickness: Approximately 9mm

Exposed face: One face

To be continued





TEST REPORT

No.: XMIN180100064CCM Date : Mar.12, 2018 Page: 7 of 9

Sample Preparation:

Prior to testing, the specimen was conditioned to constant weight at a temperature of 73 ± 5 °F (23 ± 3 °C)

The test specimen consisted of a total of 53 sections of material. The sections were butted together during testing to form the requisite specimen length. The specimen was self-supporting on the ledges of the test chamber

To be continued

Test Results:

27 seconds. Ignition time: Maximum flame spread (ft): Time To Maximum Spread: 581 seconds. Test Duration: 10 minutes FS*Time area (ft*min):

Summary of results:

Flame-spread Index

(FSI)

40

SGS

TEST REPORT

No. : XMIN180100064CCM Date: Mar.12, 2018 Page: 9 of 9



SGS authenticate the photo on original report only



#6.7 Report Text Region Text Researches Researches Researches Cons. 2011 1 (8650) 25000 1 (8650) 25000 www.napproce 中国・福祉・第17-6月(発音)と中主を配置的1-6 (886-2011) 1 (8650) 25000



|A.2|| Replay find Explo Technism Line Seat, Nat Prints 20th 1970 1 (850) 5700 1 (850) 5700 wee spans 68-86-8(1-6)(199) 产业工程设施 804-3(11) 1 (850) 5700 1 (850) 5700 + sp. Ann.

PRODUCT PROFILE -INDOOR WPC

INDOOR WALL PANEL

PRODUCT ITEM



ITEM: CWB-159 SIZE: 159×26mm



ITEM: CWB-170 **SIZE:** 170×15mm



ITEM: CWB-158C **SIZE:** 158×15mm



ITEM: CWC-610 SIZE: 610×9mm



INDOOR CEILING

PRODUCT ITEM



ITEM: CE50-60 **SIZE:** 50×60mm



ITEM: CE50-90 **SIZE:** 50×90mm



ITEM: CE80-100 SIZE: 80×100mm



ITEM: CE50-200 **SIZE:** 50×200mm



INDOOR TUBE

PRODUCT ITEM



ITEM: TU40-25 **SIZE:** 40×25mm



ITEM: TU50-40 **SIZE:** 50×40mm



ITEM: TU50-75 **SIZE:** 50×75mm



ITEM: TU100-100 SIZE: 100×100mm



MATERIAL SPECIFICATION -Indoor WPC

COMPOSITE & PERFORMANCE

Indoor WPC Product Main Composition Information

ltem(s)	Description(s)	Content
Plastic Particle	High quality PVC plastic resin	45%
Wood Fiber	120 mesh white poplar wood fiber	28%
Calciun Carbonate	600mesh : 1250mesh = 1 : 1	20%
Additives	Blowing agent A) Coupling agents S) Color pigment Compound stabilizer	7%

Indoor WPC Product Physical and Chemical Properties

Item(s)	Test Result(s)	Test Method(s)
Density	0.85g/cm3	ASTM D792-00
Moisture Content	1%	ASTM D7031-11 Section 5.15 ASTM D4442-16 Method B
Water Absorption Expansion Rate	0.4%	ASTM D7032-17 Section 5.5 ASTM D1761-12
Formaldehyde Emission	ND	Pass REACH Detection

TEST REPORT -Indoor WPC

SGS

Test Report No. SHAFC1824883601 Date: 11 Nov 2018 Page 1 of 5

HUANGSHAN DONGYI DECORATIVE MATERIAL CO.,LTD

NO 2 JINGFU ROAD, SHE COUNTY ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE, HUANGSHAN, ANHUI

The following sample(s) was/were submitted and identified on behalf of the clients as : PVC DECORATIVE FILM

SGS Job No. : SP18-036573 - SH Date of Sample Received: 08 Nov 2018

08 Nov 2018 - 11 Nov 2018 Testing Period: Test Requested : Selected test(s) as requested by client. Test Method : Please refer to next page(s). Test Results: Please refer to next page(s).

Signed for and on behalf of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Dora Hu







0xxx13xxybx10xxx 20x223 158E;86-21(414055) 158E;86-21(41505075 www.sppgrup.com.m s0+9.948 MSB 20x235 114, 36-21(4142504 114, 36-21(415060) * np. diredpp.com



Test Report No. SHAEC1824883601 Date: 11 Nov 2018

Test Results :

Test Part Description:

Specimen No. SGS Sample ID Description
SN1 SHA18-248836.001 Brown wood grain film back with white (Mix all*)

Remarks:

(1) 1 mg/kg = 0.0001% (2) MDL = Method Detection Limit (3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC62321-5:2013, IEC62321-7-2:2017 and IEC 62321-6:2015, analyzed by ICP-OES, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit	MDL	001
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Sum of PBBs	1000	mg/kg		ND
Monobromobiphenyl		mg/kg	5	ND
Dibromobiphenyl		mg/kg	5	ND
Tribromobiphenyl	0.000	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl		mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl		mg/kg	5	ND
Octabromobiphenyl		mg/kg	5	ND
Nonabromobiphenyl		mg/kg	5	ND
Decabromobiphenyl		mg/kg	5	ND
Sum of PBDEs	1000	mg/kg		ND
Monobromodiphenyl ether		mg/kg	5	ND
Dibromodiphenyl ether		mg/kg	5	ND
Tribromodiphenyl ether		mg/kg	5	ND
Tetrabromodiphenyl ether		mg/kg	5	ND



|This ingle 85 Teles Post Cultur Date Ethington Cons 200220 | ISBE (RE-21) (140350 | ISBE (RE-21)(150507 | www.spyrinp.com.com 中国 - 上海・銀工放送品面400円3円機 軽減 200230 | 14, (6-21)(150500 | 14, (6-21)(150500 | n sp-15mSpyrinp.com.com

Page 4 of 5

SGS

Test Report No. SHAEC1824883601 Date: 11 Nov 2018 Page 3 of 5 Test Item(s) Unit mg/kg mg/kg mg/kg mg/kg mg/kg Pentabromodiphenyl ether ND Hexabromodiohenvl ether ND ND

Heptabromodiphenyl ether Octabromodiphenyl ether Nonabromodiphenyl ether Decabromodiphenyl ether

)The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863. IEC 62321 series is equivalent to EN 62321 series http://www.cenelec.eu/dyn/www/T/p=104/30:1742232870351101::::FSP_DRG_ID,FSP_LANG

ID:1258637.25

miscriwww.ceneesc.eu/dyn/www.ft/p=104-30:1742232870351101::::58P_CRG_ID,FSP_LANG ID-1259837_25

(2)On 4 June 2015, Commission Directive (EU) 2015:883 was published in the Official Journal of the European Union (OJEU) to include the prifitaliates BBP_DBP_DBP_DENP and DIBP into ANNEX II of the Rohs Recast Directive. The new law restricts each philasitate to no more than 0.15s in each homogeneous material of an electrical product.

(3)The restriction of DEHP_BBP_DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, including in vitro medical devices, and monitoring and control instruments, including of functionalities or upgrading of capacity of EEE placed on the market before 22 July 2019, and of medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, placed on the market before 22 July 2021.

(5)The restriction of DEHP, BBP and DBP shall not apply to toys which are already subject to the restriction of DEHP, BBP and DBP through entry \$1 of Annex XVII to Regulation (EC) No 1507/2006.

"The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.

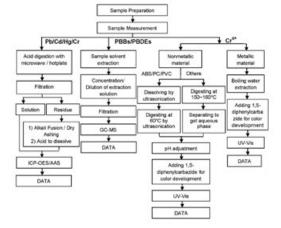


SGS

Test Report No. SHAEC1824883601 Date: 11 Nov 2018

ATTACHMENTS
Pb/Cd/Hg/Cr^{4*}/PBBs/PBDEs Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr^{fin} and PBBs/PBDEs test method excluded)





| Thirtings Note Trial Trial



Test Report

No. SHAEC1824883601

Date: 11 Nov 2018 Page 5 of 5



SGS authenticate the photo on original report only

*** End of Report ***



SGS

Test Report No. SHAEC1901945001 Date: 01 Feb 2019 Page 1 of 3

SHANGHAI DUWELL TECHNOLOGY CO.,LTD

NO.1358 XIANGYANG ROAD, MINHANG DISTRICT, SHANGHAI

The following sample(s) was/were submitted and identified on behalf of the clients as : Clad Adhesive U64*

SGS Job No.: SP19-003069 - SH Date of Sample Received: 25 Jan 2019

25 Jan 2019
25 Jan 2019 - 01 Feb 2019
Selected test(s) as requested by client.
Please refer to next page(s).
Please refer to next page(s). Testing Period : Test Requested : Test Method : Test Results:

Result Summary :

Test Requested Conclusion GB 18583-2008 - Free Formaldehyde

Signed for and on behalf of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Heb Im

Helen Liu Approved Signatory



SGS

|Thickspack() the RecKinDest(NephriDes 200223 | 15KE (#-21)440033 | 15KE (#-21)440033

SGS

Test Part Description :

Test Report

Remarks:

No. SHAEC1901945001

Specimen No. SGS Sample ID Description SN1 SHA19-019450,001 Yellow transparent liquid

: (1) 1 mg/kg = 0.0001% (2) MDL = Method Detection Limit (3) ND = Not Detected (< MDL) (4) "-" = Not Regulated

Test Method: With reference to GB 18583-2008 Annex A.

Date: 01 Feb 2019 Page 2 of 3

Test Report

No. SHAEC1901945001

Date: 01 Feb 2019

Page 3 of 3

Sample photo:



SGS authenticate the photo on original report only *** End of Report ***

Test Item(s)

GB 18583-2008 - Free Formaldehyde

Table (Limit of harmful substances of adhesive)

Cetegory Limit (g/kg)

S0 50 Solvent based adhesive Delyropamen upder type adhesive Polyropamen type adhesive Others

Water-based achesive Polyropamen type adhesive Others

Mettylar sees type adhesive Polyropamen type adhesive Polyropamen type adhesive Polyropamen type adhesive Polyropamen type adhesive Others

The Committee of the Committ s0.50 51.0



<u>Limit</u> <u>Unit</u> <u>MDL</u> <u>(001</u> ★ g/kg 0.02 ND PASS

QUALITY CONTROL

QUALITY CONTROL







Forming Inspection



Gloss Detection



Strength Detection



Weather Resistance Test



Color Difference Detection



Forming Inspection



Low-Temperature Test

PATENTS

















PREVIOUS PROJECT ALBUM











