



Test Report No. 70.405.18.9579.01R1

Dated 2018-04-10

ORIGINAL

Applicant : Zhangjiagang Polycom Protective Products Co., Ltd
 Address : Ximiao Road 12, Fenghuang Town, Zhangjiagang, Jiangsu, China
 Attn : Wang Weixin

Order No. : -
 Style No. : PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, PC-10, PC-11
 Season : -
 Manufacturer : Zhangjiagang Polycom Protective Products Co., Ltd
 Buyer : -
 Country of origin : -
 Goods export to : -

Care label provided : -

Receipt date of sample : Received on 2018-03-28
 Date of testing : From 2018-03-28 to 2018-04-09
 Sample submitted : The sample(s) was (were) submitted by applicant and identified.
 Test result : Refer to next page.

**TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
 Testing Center**
Prepared by:

Authorized by:

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Report Specialist

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Note: (1)The TÜV SÜD Certification and Testing (China) Co., Ltd. "General Terms & Conditions" applied.

For full version, please visit: <http://www.tuv-sud.cn/cn-sc/terms-and-conditions>

(2)The results relate only to the Items tested,(3)The test report shall not be reproduced except in full without the written approval of the laboratory

Laboratory:
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Description of the test subject

| Sample | Description | Photo |
|--------|---|---|
| 001 | PE/CPE plastic glove in transparency (Style: PC-1) |  |
| 002 | PE/LLDPE plastic glove in transparency (Style: PC-2) |  |
| 003 | PE/CPE plastic glove in blue (Style: PC-3) |  |
| 004 | PE/TPE plastic glove in transparency (Style: PC-4) |  |
| 005 | PE/TPE plastic glove in blue (Style: PC-5) |  |
| 006 | PE/EVA plastic glove in orange (Style: PC-6) |  |

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Description of the test subject

| Sample | Description | Photo |
|--------|---|---|
| 007 | PE/CPE plastic apron in white (Style: PC-7) |  |
| 008 | PE/CPE plastic sleeve cover in blue (Style: PC-8) |  |
| 009 | PE/CPE plastic shoe cover in blue (Style: PC-9) |  |
| 010 | PE/CPE plastic gown in blue (Style: PC-10) |  |
| 011 | PE/CPE plastic cape in transparency (Style: PC-11) |  |



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Conclusion

| Test Items | | 001 |
|-------------------|--|------------|
| 1. | Total Cadmium, Lead, Mercury, Chromium VI Content | Pass |
| 2. | Polybrominated biphenyls (PBBs) and Polybrominated diphenyl ethers (PBDEs) Content | Pass |
| 3. | Phthalates Content Test | Pass |
| 4. | Staphylococcus aureus and Salmonella species | Pass |

Remarks: Pass = Meet General Requirement
* = No Specified Requirement
N/A = Not Applicable

Fail = Below General Requirement
= No Comments
- = Not Conducted

Disclaimer Measurement Uncertainty:

Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.





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Test Results

- 1 **Total Cadmium, Lead, Mercury, Chromium VI Content**
IEC 62321 Edition 1.0 2008-12. Lead, Mercury and Cadmium was determined by ICP or AAS. Chromium VI was determined by UV-Visible Spectrometry.

| Test item(s) | Result[mg/kg] | General Requirement |
|------------------------|---------------|---------------------|
| | 001 | |
| Lead (Pb) | <5 | 1000mg/kg |
| Cadmium (Cd) | <2 | 100mg/kg |
| Mercury(Hg) | <5 | 1000mg/kg |
| Chromium (VI) (Cr(VI)) | <5 | 1000mg/kg |

- Remarks:
1. mg/kg = milligram per kilogram
 2. ND = not detected (Less than reporting limit)
 3. Reporting Limit = 2mg/kg for Cadmium
Reporting Limit = 5mg/kg for other substances.

- 2 **Polybrominated biphenyls (PBBs) and Polybrominated diphenyl ethers (PBDEs) Content**
Test with reference to IEC 62321:2008. PBBs & PBDEs was determined by GC-MS.

| Test item(s) | Result [mg/kg] | General Requirement | |
|--------------------------|----------------|---------------------|------------|
| | 001 | | |
| Monobromobiphenyl | ND | - | |
| Dibromobiphenyl | ND | | |
| Tribromobiphenyl | ND | | |
| Tetrabromobiphenyl | ND | | |
| Pentabromobiphenyl | ND | | |
| Hexabromobiphenyl | ND | | |
| Heptabromobiphenyl | ND | | |
| Octabromobiphenyl | ND | | |
| Nonabromobiphenyl | ND | | |
| Decabromobiphenyl | ND | | |
| Sum of PBBs | ND | | <1000mg/kg |
| Monobromodiphenyl ether | ND | | - |
| Dibromodiphenyl ether | ND | | |
| Tribromodiphenyl ether | ND | | |
| Tetrabromodiphenyl ether | ND | | |
| Pentabromodiphenyl ether | ND | | |
| Hexabromodiphenyl ether | ND | | |
| Heptabromodiphenyl ether | ND | | |
| Octabromodiphenyl ether | ND | | |
| Nonabromodiphenyl ether | ND | | |
| Decabromodiphenyl ether | ND | | |
| Sum of PBDEs | ND | <1000mg/kg | |

- Remarks:
1. mg/kg = milligram per kilogram
 2. ND = not detected (Less than reporting limit)
 3. Reporting Limit =5mg/kg



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3 Phthalates Content Test

In house method, solvent extraction by ultrasonic bath, determination by GC/MS

| Test item(s) | CAS No. | Result [%] | Client's Requirement |
|----------------------------------|----------|------------|----------------------|
| | | 001 | |
| Dibutyl phthalate(DBP) | 84-74-2 | ND | 0.1% |
| Benzyl butyl phthalate(BBP) | 85-68-7 | ND | |
| Di(2-ethylhexyl) phthalate(DEHP) | 117-81-7 | ND | |
| Diisobutylphthalate(DiBP) | 84-69-5 | ND | |

Remarks: 1. ND = not detected (Less than reporting limit)
2. Reporting Limit = 0.005%

4 Staphylococcus aureus and Salmonella species

E.P.9.0-2.6.13

| Test items (s) | Test Method (s) | Test Results (s) |
|-----------------------|-----------------|------------------|
| Staphylococcus aureus | E.P.9.0-2.6.13 | Neg/g |
| Salmonella species | | Neg/10g |

Note:
Neg: Negative

Remark: This Report is to Supersede Test Report No.70.405.18.9579.01 Issued on 2018-04-09.

-End of Test Report-