

Test Report No.: KE/2015/C0989 Date: 2015/12/14 Page: 1 of 7

NEW PRISMATIC ENTERPRISE CO., LTD.

NO. 4, ALLEY 27, LANE 195, YUNG FENG RD., TU-CHENG DISTRICT, NEW TAIPEI CITY 236, TAIWAN

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

: THERMOCHROMIC MC PIGMENT 31C RED-BPA FREE Sample Description

Style/Item No. : TM-PDE 31-3111

Color : RED

Sample Receiving Date : 2015/12/09

Testing Period : 2015/12/09 TO 2015/12/14

: NEW PRISMATIC ENTERPRISE CO., LTD. Sample Submitted By

Test Requested

As specified by client, with reference to RoHS 2011/65/EU Annex II and amending Directive (EU) 2015/863 to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP contents in the submitted sample.

Test Result(s) Please refer to next page(s

Ray Chang Ph.D. / Manag Signed for and on behalf

SGS Taiwan Limited

Chemical Laboratory-Kaohsiung

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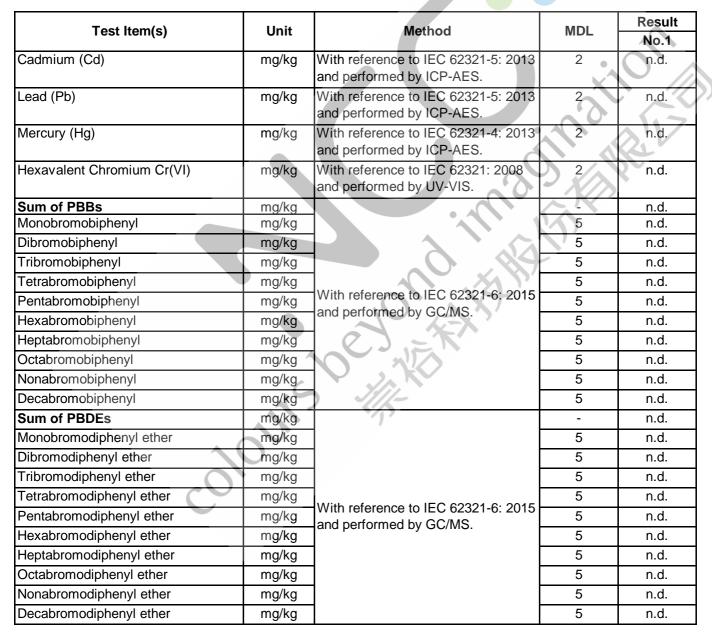
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NO. 4, ALLEY 27, LANE 195, YUNG FENG RD., TU-CHENG DISTRICT, NEW TAIPEI CITY 236, TAIWAN

Test Result(s)

PART NAME No.1 RED PIGMENT POWDER



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Test Item(s)	Unit	Method	MDL	Result
				No.1
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	mg/kg	With reference to IEC 62321-8 (111/321/CD). Analysis was performed by GC/MS.	50	n.d.
BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7)	mg/kg	With reference to IEC 62321-8 (111/321/CD). Analysis was performed by GC/MS.	50	n.d.
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	mg/kg	With reference to IEC 62321-8 (111/321/CD). Analysis was performed by GC/MS.	50	n.d.
DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5)	mg/kg	With reference to IEC 62321-8 (111/321/CD). Analysis was performed by GC/MS.	50	n.d.
Note: 1. mg/kg = ppm : 0.1wt% = 1000ppm 2. n.d. = Not Detected 3. MDL = Method Detection Limit 4. " - " = Not Regulated				

Note:

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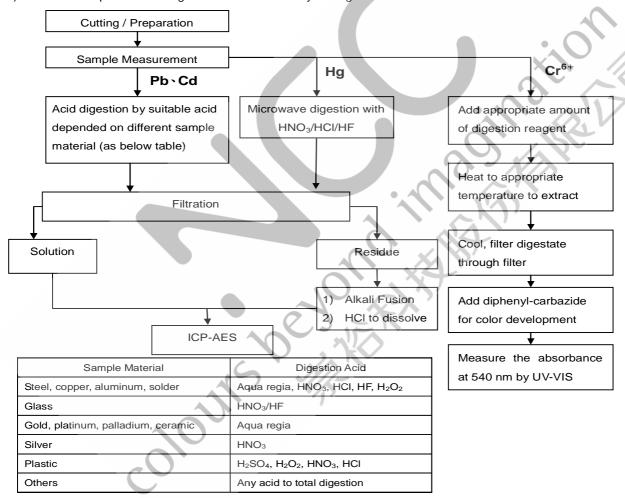
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- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr6+ test method excluded)
- 2) Name of the person who made measurement: Jony Liu
- 3) Name of the person in charge of measurement: Ray Chang



Note**: (1) For non-metallic material, add alkaline digestion reagent and heat to 90~95

(2) For metallic material, add pure water and heat to boiling.

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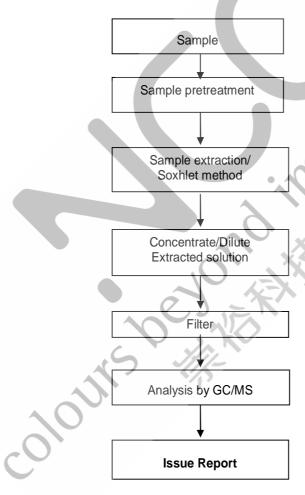
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PBB/PBDE analytical FLOW CHART

- 1) Name of the person who made measurement: Dorothy Chen
- 2011/2/1987/2 2) Name of the person in charge of measurement: Ray Chang



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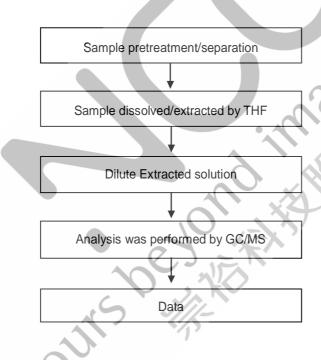
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- Name of the person who made measurement: Dorothy Chen JIN SILVIII
- Name of the person in charge of measurement: Ray Chang

[Test method: IEC 62321-8]



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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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End of Report

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