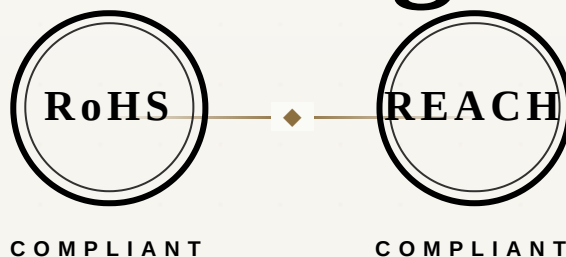


Product  
Compliance &  
Quality  
Declaration:  
*Hant* Plastic  
Fittings



By  
ZENITH ENTERPRISE

At Zenith Enterprise, Kolkata, product safety, quality assurance, and adherence to international regulatory standards remain our highest priorities. As the authorized distributor of HANT plastic fittings, we ensure that all supplied products meet applicable global compliance requirements.

Material compliance testing has been conducted on representative fittings manufactured using the same raw material composition, production processes, and quality controls followed across our full product range. Accordingly, the results are considered technically valid for all fittings produced under these specifications.

This is also to certify that our plastic fittings are manufactured from 100% virgin-grade POM (Polyoxymethylene), without the mixing of any other polymers or fillers, ensuring high strength, durability, and consistent long-term performance.

We also manufacture premium Nylon (PA6 / PA66) fittings for applications requiring enhanced flexibility, temperature resistance, and impact strength.

**Based on the conducted evaluations, the fittings are confirmed to be:**

- ◆ **REACH Compliant**
- ◆ **RoHS Compliant**
- ◆ **Free from Lead, Cadmium & Chromate**
- ◆ **100% Phthalate-Free**

## Material-Specific REACH Conformity:

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Our products are tested and confirmed compliant with all relevant Substances of Very High Concern (SVHCs) applicable to this polymer type. The evaluation is specifically aligned with the chemical composition of the raw material used, ensuring accurate, industry-standard confirmation of REACH compliance.

Internal validations further confirm excellent load-bearing capability suitable for demanding practical applications. Detailed performance data and test reports can be shared upon request.

---

Abdul Aleem Farooqui

Partner  
Zenith Enterprise



**NUMBER : CHNF25002875**  
**DATE : 25-APRIL-2025**

**APPLICANT : Zenith Enterprise,**  
Shop No. A, 6, Colootola St,  
Central Market, Bortola,  
Barabazar Market, Kolkata,  
West Bengal 700073  
**ATTN : Abdul Aleem Farooqui**

**SAMPLEDESCRIPTION :TENPIECESOFSUBMITTED SAMPLE SAID TOBE**  
**HEAVYD-RING, INCOLOUR MARKED AS BLACK.**

**TESTED COMPONENT:**  
**[1]HEAVYD-RING-COL:BLACK**

**COLOUR : BLACK**  
**ARTICLE NO. / PART NO. :--**  
**PURCHASE ORDER NO. :--**  
**BUYER'S NAME :--**  
**DATE SAMPLE RECEIVED :01APRIL2025**  
**CONFIRMATION DATE : 01 APRIL 2025**  
**STYLE NO. :--**  
**END USE :--**  
**CUSTOMER NAME :--**

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**TEST CONDUCTED: AS REQUESTED BY THE APPLICANT FOR DETAILS REFER TO ATTACHED**  
**PAGE (S) .**

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**CONCLUSION:**

**ROHS - HEAVYMETAL CONTENT M**

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**NOTE: M = MEETS REQUIREMENT, F = FAILS TO MEET REQUIREMENT**  
**\* = REQUIREMENT NOT PROVIDED, N/A = NOT APPLICABLE**  
**\*\* = REFER RESULT**

**AUTHORIZED BY**  
**FOR INTERTEK INDIA PVT LTD. [CHENNAI - LEATHER]**

  
**VIMALNATH V**  
**LAB MANAGER**

**TEST CONDUCTED:**

**1) ROHS-HEAVY METAL CONTENT**

A] TEST RESULTS SUMMARY OF HEAVY METALS FOR RoHS DIRECTIVE 2011/65/EU

|                              | <b><u>RESULT IN ppm</u></b> |
|------------------------------|-----------------------------|
|                              | <b>[1]</b>                  |
| CADMIUM (Cd) CONTENT IN PPM  | BDL                         |
| LEAD (Pb) CONTENT IN PPM     | BDL                         |
| MERCURY (Hg) CONTENT IN PPM  | BDL                         |
| CHROMIUM (VI) CONTENT IN PPM | BDL                         |

**B] TEST METHOD:**

| <b>TESTING ITEM</b>   | <b>TESTING METHOD</b>                                                                   | <b>REPORTING LIMIT</b> |
|-----------------------|-----------------------------------------------------------------------------------------|------------------------|
| CADMIUM (Cd) CONTENT  | WITH REFERENCE TO IEC 62321-111/54/CDV, BY ACID DIGESTION AND DETERMINED BY AAS/ICP-OES | 10 ppm                 |
| LEAD (Pb) CONTENT     | WITH REFERENCE TO IEC 62321-111/54/CDV, BY ACID DIGESTION AND DETERMINED BY AAS/ICP-OES | 10 ppm                 |
| MERCURY (Hg) CONTENT  | WITH REFERENCE TO IEC 62321-111/54/CDV, BY ACID DIGESTION AND DETERMINED BY AAS/ICP-OES | 10 ppm                 |
| CHROMIUM (VI) CONTENT | WITH REFERENCE TO IEC 62321-111/54/CDV, DETERMINED BY UV-VIS SPECTROPHOTOMETER          | 10 ppm                 |

REMARK: BDL = Below Detection Limit; ppm = Parts Per Million = mg/kg

NOTE: Total Chromium was determined for Chromium VI.

**C] RoHS REQUIREMENT:**

| <b>RESTRICTED SUBSTANCES</b> | <b>LIMITS</b>                                                                                   |
|------------------------------|-------------------------------------------------------------------------------------------------|
| CADMIUM (Cd) CONTENT         | 100 ppm                                                                                         |
| LEAD (Pb) CONTENT            | 1000 ppm (40000 ppm FOR BRASS/COPPER MATERIAL)<br>(3500 ppm FOR STEEL) (4000 ppm FOR ALUMINIUM) |
| MERCURY (Hg) CONTENT         | 1000 ppm                                                                                        |
| CHROMIUM (VI) CONTENT        | 1000 ppm                                                                                        |

**Photo**



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# END OF THE TEST REPORT#

*This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Addressee in respect of this report and only accepts liability to the Addressee insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute.*

APPLICANT : **Zenith Enterprise,**  
Shop No. A, 6, Colootola St,  
Central Market, Bortola,  
Barabazar Market, Kolkata,  
West Bengal 700073

ATTN : **Abdul Aleem Farooqui**

SAMPLEDESCRIPTION : FIVE PIECES OF SUBMITTED SAMPLE SAID TO BE NEW TRIANGLE  
38 MM, IN COLOUR MARKED AS BLACK.

TESTEDCOMPONENT:  
[1] 38 MM NEW TRIANGLE-COL:BLACK

COLOUR : BLACK  
ARTICLE NO. / PART NO. : --  
PURCHASE ORDER NO. : --  
BUYER'S NAME : --  
DATE SAMPLE RECEIVED : 20JULY2023  
CONFIRMATION DATE : 20JULY2023  
STYLE NO. : --  
END USE : --  
CUSTOMER NAME : --

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**TEST CONDUCTED: AS REQUESTED BY THE APPLICANT FOR DETAILS REFER TO ATTACHED  
PAGE (S).**

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**CONCLUSION:**

|                           |    |
|---------------------------|----|
| ROHS - HEAVYMETAL CONTENT | ** |
| TOTAL LEAD                | ** |
| PHTHALATES                | ** |

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NOTE: M = MEETS REQUIREMENT, F = FAILS TO MEET REQUIREMENT  
\* = REQUIREMENT NOT PROVIDED, N/A = NOT APPLICABLE  
\*\* = REFER RESULT

AUTHORIZED BY  
FOR INTERTEK INDIA PVT LTD. [CHENNAI - LEATHER]



SARGUNAM P  
LAB MANAGER

**NUMBER : CHNF23005776**

**DATE : 22-July-2023**

**TEST CONDUCTED:**

**1) ROHS-HEAVY METAL CONTENT**

A] TEST RESULTS SUMMARY OF HEAVY METALS FOR ROHS DIRECTIVE 2002/95/EU

|                              | <b><u>RESULT IN ppm</u></b> |
|------------------------------|-----------------------------|
|                              | <b>[1]</b>                  |
| CADMIUM (Cd) CONTENT IN PPM  | BDL                         |
| LEAD (Pb) CONTENT IN PPM     | BDL                         |
| MERCURY (Hg) CONTENT IN PPM  | BDL                         |
| CHROMIUM (VI) CONTENT IN PPM | BDL                         |

**B] TEST METHOD:**

| <b>TESTING ITEM</b>   | <b>TESTING METHOD</b>                                                                   | <b>REPORTING LIMIT</b> |
|-----------------------|-----------------------------------------------------------------------------------------|------------------------|
| CADMIUM (Cd) CONTENT  | WITH REFERENCE TO IEC 62321-111/54/CDV, BY ACID DIGESTION AND DETERMINED BY AAS/ICP-OES | 10 ppm                 |
| LEAD (Pb) CONTENT     | WITH REFERENCE TO IEC 62321-111/54/CDV, BY ACID DIGESTION AND DETERMINED BY AAS/ICP-OES | 10 ppm                 |
| MERCURY (Hg) CONTENT  | WITH REFERENCE TO IEC 62321-111/54/CDV, BY ACID DIGESTION AND DETERMINED BY AAS/ICP-OES | 10 ppm                 |
| CHROMIUM (VI) CONTENT | WITH REFERENCE TO IEC 62321-111/54/CDV, DETERMINED BY UV-VIS SPECTROPHOTOMETER          | 10 ppm                 |

REMARK: BDL = Below Detection Limit; ppm = Parts Per Million = mg/kg

NOTE: Total Chromium was determined for Chromium VI.

**2]Total Lead Content**

CPSC-CH-E1002-08.3: 2012

|  | <u>RESULT IN ppm</u> | LIMITS |
|--|----------------------|--------|
|  | [1]                  |        |
|  | BDL                  | -      |

REMARK:

BDL = Below Detection Limit

Detection Limit: 10 ppm

ppm: Parts Per Million

**3] PHTHALATE TEST**

CPSC-CH-C1001-09.4: 2018

| RESTRICTED SUBSTANCES         | <u>RESULT IN ppm</u> | LIMITS |
|-------------------------------|----------------------|--------|
|                               | [1]                  |        |
| DIBUTYLPHTHALATE [DBP]        | BDL                  | -      |
| BENZYL BUTYL PHTHALATE [BBP]  | BDL                  |        |
| DIETHYLHEXYLPHTHALATE [DEHP]  | BDL                  |        |
| DIISONONYLPHTHALATE [DINP]    | BDL                  |        |
| DIISODECYLPHTHALATE [DIDP]    | BDL                  |        |
| DI N OCTYL PHTHALATE [DNOP]   | BDL                  |        |
| DI-ISO-BUTYL PHTHALATE [DIBP] | BDL                  |        |

REMARK:

BDL = Below Detection Limit

Detection Limit: 50 ppm

ppm: Parts Per Million

**Photo**



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# END OF THE TEST REPORT#

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# **Product Composition Declaration**





Encyclic Poly Products

Plot no. 54 & 55, 11th Link Street, Nehru Nagar,  
Kottuvakkam, Thiruvananthapur Post,  
Chennai, Tamil Nadu, India - 600 041

**HANT™**  
www.hant.in

To Whom It May Concern,

This is to certify that the plastic fittings manufactured and supplied by us are made of 100% POM (Polyoxymethylene).

We confirm that no other polymers or materials are mixed in the composition. The fittings are produced using virgin-grade POM, ensuring excellent strength, durability, and long-term performance.

Additionally, we also manufacture premium quality plastic fittings in Nylon (PA6/PA66) for clients who require enhanced flexibility, temperature resistance, and impact strength, depending on specific application needs.

For any further information or documentation, please feel free to contact us.

Sincerely,

Abbas J.A

Encyclic Poly Products



www.hant.in

\*\*\*\*\*End of Report \*\*\*\*\*