



CERTIFICATE OF CONFORMITY

CERT NO: 149405A

CONTAMINANT

| | | | |
|--------------------|---------------------------------|-------------------------|------------------------|
| DIAMETER | 3.5mm | STANDARD OF MANUFACTURE | ISO 3290 International |
| MATERIAL | Crystal Glass – High Lead Glass | DENSITY | 3.20kg/ltr = 3.20g/cm3 |
| GRADE | 25 | HEAT NO | - |
| QUANTITY PURCHASED | 500 | BATCH NUMBER | 230502/09 |

MATERIALS SUPPLIED FROM ISO 9001:2015 / Din Standard QUALITY ASSURED SUPPLIERS

CHEMICAL AND TEST DATA OF CONTAMINANT

| | | | | | |
|-----------------|----|---------------------------------|-------------------|----|---------------|
| Lead | Pb | Aprx. 30% | Softening Point | °C | 477 |
| Refraction | Ne | 1.58 | Max Working Temp. | °C | 258 |
| Young's Modulus | | Kg/cm2 5.9 x 10 ⁵ | Hardness | | Kg/cm2 545 |
| Strain Point | °C | 430 | | | |
| | | | | | |

MANUFACTURE OF TEST PIECE DECLARATION

We hereby declare that our Test Pieces are Manufacture from either the following Materials and Conform to the following Directives.

- Cast Acrylic – Sheets are in conformity with requirements of EU regulation 1935/2004/EU on materials and articles intended to come in to contact with food. The used monomers and other raw materials meet the requirements of EU regulation No 10/2011
- PTFE Grade 400 – Sheets supplied are tested in accordance to FDA 177.1550 and EC 1935/2004
- ACETAL COPOLYMER – CC34031 GREY FDA / CG34096 BLUE FDA / CS33273 RED FDA / CL33402E YELLOW FDA / CJ34045 GREEN FDA
The Colour concentrate meets the requirements for repeated Food Contact according to FDA 21 CFR 178.3297
- ACETAL RESIN – Rods are in conformity with Directive 2002/72/EC and FDA Regulation 21 CFR 177.2470
- SEMI RIGID HOUSING – Are in conformity with Directive 1935/2004/EU and FDA Regulation 21 CFR 177.1500
- POLYPROPYLENE – All monomers and additives are in conformity with Directive 10/2011/EC and FDA 177.1520
- POLYETHYLENE BAGS – Are in conformity with Directive 2004/1/EC 2004/19/EC 2005/79/EC 2007/19/EC 2008/39/EC

TEST PIECE LIFE SPAN

- The contaminant or sphere is secured in a Medium or Housing so has an indefinite life span. Life span of the contaminant or sphere all depends on the housing of the test piece
- Test Pieces life expectancy depends on a great extent of the use it receives. Furthermore, customers often replace Test Pieces long before they become worn out due to changes in mishandling and damage to the Test piece.
- If a Test piece becomes chipped, broken or unreadable we recommend new test pieces.

| | | | |
|----------------|----------------------------|----------------|-------------------------|
| Signature | <i>Glenn Griffiths</i> | Signature | <i>Adam Bazeley</i> |
| Name and Title | GLENN GRIFFITHS – DIRECTOR | Name and Title | ADAM BAZELEY - DIRECTOR |
| Date | 31.05.2016 | Date | 31.05.2016 |

The date on the Certificate of Conformity relates to when the contaminants or Spheres were delivered to Mediumz Ltd.

This cannot be altered as it allows traceability for Audit purposes.

CERTIFIED TEST PIECES

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| Refraction | Ne | 1.58 | Max Working Temp. | °C | 258 |
| Young's Modulus | | Kg/cm ² 5.9 x 10 ⁵ | Hardness | | Kg/cm ² 545 |
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| Signature | <i>Glenn Griffiths</i> | Signature | <i>Adam Bazeley</i> |
| Name and Title | GLENN GRIFFITHS | Name and Title | ADAM BAZELEY |
| Date | 31.05.2016 | Date | 31.05.2016 |

The date on the Certificate of Conformity relates to when the contaminants or Spheres were Purchased.

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