



# CERTIFICATE OF CONFORMITY

CERT NO : 223100A

## CONTAMINANT

DIAMETER	1.0mm	STANDARD OF MANUFACTURE	DIN 5401 – 11.1993
MATERIAL	Soda Lime Glass	STANDARD OF MANUFACTURE	AFBMA 10.1989
GRADE	200 (+/- 0.02)	DENSITY	2.58 kg/ltr = 2.58 g/cm3
QUANTITY PURCHASED	5000	BATCH NUMBER	930631

MATERIALS SUPPLIED FROM ISO 9001;2008 / Din Standard QUALITY ASSURED SUPPLIERS

## CHEMICAL AND TEST DATA OF CONTAMINANT

Medium	Concentration	Temperature	Time	Corrosion Rate
Hydrochlorid Acid (HCl)	20.4%	102 °C	6 h	0.002 gr./ m2/ h
Nitric Acid (HNO <sub>3</sub> )	30.0%	102 °C	6 h	0.012 gr./ m2/ h
Oxalic Acid (H <sub>2</sub> C <sub>2</sub> O <sub>4</sub> )	30.0%	102 °C	6 h	0.006 gr./ m2/ h
Formic Acid (H <sub>2</sub> CO <sub>4</sub> )	30.0%	102 °C	6 h	0.000 gr./ m2/ h
Sodium Hydroxide (NaOH)	30.0%	102 °C	6 h	1.200 gr./ m2/ h
Deionized Water (H <sub>2</sub> O)	100.0%	102 °C	6 h	0.005 gr./ m2/ h

## 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.

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

Signature	<i>Glenn Griffiths</i>	Signature	<i>Adam Bazeley</i>
Name and Title	GLENN GRIFFITHS – DIRECTOR	Name and Title	ADAM BAZELEY - DIRECTOR
Date	23.04.2019	Date	23.04.2019

This cannot be altered as it allows traceability for Audit purposes