

CERTIFICATE OF CONFORMITY NUMBER # 290369C

CONTAMINANT			
DIAMETER	4.0mm	STANDARD OF MANUFACTURE	ISO 3290 International
MATERIAL	Ceramic	DENSITY	3.90kg/ltr = 3.90g/cm3
	Alumina Oxide	HEAT NUMBER	n/a
GRADE	25	BATCH NUMBER	22104813
QUANTITY PURCHASED	500		

CHEMICAL AND TEST DATA		
Water-absorption	%	0
Al2O3	%	99.7
Hardness	HV1	>1800
Thermal Exp (40-800°C)	X10n/°C (n=6)	8.0
Young's Modulus	Gpa	380
Poisson Ratio	:	0.23
Bending Strength	Mpa	>330
Compression strength	Mpa	2100
Fracture Toughness	Mpa m	4-6
Heat Conductivity	W/(m.k)	33
Max work temp	°C	1400

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

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 HOSING – 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 the 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>G Griffiths</i>	Signature	<i>A Bazeley</i>
Name and Title	Mr G Griffiths / Director	Name and Title	Mr A Bazeley / Director
Date	23.02.2023	Date	23.02.2023

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

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

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