



CTIC

THE MAIN SERVICES PROVIDED BY
TABLEWARE & COOKWARE TESTING LABORATORY

ALL OUR TESTS ARE PERFORMED WITH INDEPENDENTLY AND CONFIDENTIALITY

SFC being approved as a research organisations under french Research Tax Credit (CIR), our invoices may be taken into account in your CIR base

WWW.CERAMIQUE.FR - 01 56 56 00 00 - 6-8 RUE DE LA REUNION - LES ULIS- 91955 COURTABOEUF CEDEX

SUMMARY

TABLEWARE

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Ceramic, glass articles	p.3
Ceramic, glass, plastic articles	p.3

COOKWARE

Domestic cookware for use on top of a stove, cooker or hob	p.4
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Cookware with non-stick coating	p.6

INSULATED CONTAINERS FOR DOMESTIC USE

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CUTLERY AND TABLE HOLLOWARE

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CERAMIC ARTICLES

French customs

Identification of tableware and decorative items : porcelaine, stoneware, faience, fine pottery

NF EN 13258

Crazing resistance

NF EN 12875-1

Mechanical dishwashing resistance of utensils

NF EN 12875-4

Mechanical dishwashing resistance of utensils : Rapid test for domestic ceramic articles

NF EN 12875-5

Mechanical dishwashing resistance of utensils : Rapid test for ceramic catering articles

CERAMIC, GLASS ARTICLES

NF EN 1183

Thermal shock resistance

NF EN 12980

Determination of impact resistance

SFC method

Knife marking resistance

CERAMIC, GLASS, PLASTIC ARTICLES

NF EN 12875-1

Mechanical dishwashing resistance of utensils

NF EN 15284

Resistance to microwave heating of ceramic, glass, glass-ceramic or plastics cookware

SFC method

Tightness of storage containers

**FOR ANY TEST OUTSIDE
CATALOGUE, DO NOT HESITATE TO CONTACT US
TO STUDY YOUR PROJECT**

CONTACT

SARRA ATIG

Technical Manager

Tableware & Cookware testing laboratory

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DOMESTIC COOKWARE FOR USE ON TOP OF A STOVE, COOKER OR HOB

NF EN 12983-1

General construction : § 6.1
 Geometric construction : § 6.2
 Resistance to burning : § 7.2
 Heat resistance : § 7.3
 Torque resistance : § 7.4
 Bending strength : § 7.5
 Fatigue resistance : § 7.6
 Thermal hazards : § 7.7
 Pouring : § 9.1
 Base stability under shock conditions : § 9.2
 Point of sale information : § 10.1
 Care and use instructions : § 10.2

CERAMIC, GLASS AND GLASS CERAMIC COOKWARE

XP CEN/TS 12983-2

Heat distribution : **SFC method according to § 6.2**
 Suitability : **SFC method according to § 6.3**
 Thermal shock resistance of glass lids : § 7.2 & ISO 2747
 Thermal shock resistance of glass lids : § 7.2

COOKWARE FOR USE ON INDUCTION HEATING SOURCES

XP CEN/TS 12983-3

Base stability on induction : § 4.3
 Heat distribution : **SFC method according to § 4.4**

SFC method

- Evaluation of the time required to boil water in a pan (thermal efficiency)
- Automatic detection of cookware to induction hob



OVENWARE FOR USE IN TRADITIONNAL DOMESTIC OVENS

NF EN 13834

- Stability : § 6.1.2
- Hygiene : § 6.1.3
- Mechanical hazards : § 6.1.4
- Handle position with respect to ovenware : § 6.1.5
- Lid design : § 6.1.6
- Lid knob design : § 6.1.7
- Thermal shock resistance of brittle materials : § 6.1.8
- Heat resistance : § 6.1.9
- Resistance to leakage : § 6.1.10
- General : § 6.2.1
- Capacity : § 6.2.2
- Dimensions : § 6.2.3
- Heat resistance : § 7.3
- Fatigue resistance : § 7.4
- Stability / deformation test : § 9
 - Central loading : § 9.1.1
 - Eccentric loading : § 9.1.2
 - Tear resistance : § 9.1.3
- Point of sale information : § 10.1
- Care and use instructions : § 10.2

SFC mehod

- Cold resistance (freezer)
- Thermal shock for ovenware (deep freezing/heating at 250°C)

OVENWARE FOR USE IN TRADITIONAL DOMESTIC OVENS DECLARED EASY TO CLEAN –

NF EN 13834

- Cleanability test of non-stick coatings on bakeware : § 8.8.1
- Cleanability test of non-stick coatings on roasting and gratin dishes : § 8.8.2

COOKWARE WITH NON-STICK COATING

NF D21-511

- Measuring the thickness of a coating : § 3.1
- Visual inspection of a non-stick coating : § 3.2
- Adhesion control of the non-stick coating - carbonized milk method : § 3.3.1
- Adhesion control of the non-stick coating - cooking egg method : § 3.3.2
- Adherence to the coating on the substrate : § 3.4
- Salt water corrosion test : § 3.5
- Anti-abrasion test : § 3.7

NF EN 13834

- Non-stick performance testing of baking pans : § 8.2.2.1
- Non-stick performance testing of gratin dishes : § 8.2.2.2

VARIOUS COOKWARE

SFC method

- Tightness of hinged pastry mold
- Abrasion test of enamelled ceramic ovenware (suitability to clean)
- Friction resistance on oven rack
- Boiling resistance of worktops – testing method adapted from standard NEMA LD3 §3.5



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VACUUM WARE, INSULATED FLASKS AND JUGS

NF EN 12546-1

Pourring : § 3.2
Stability : § 3.3
Heat loss : § 3.4
Thermal shock : § 3.5
Stopper leakage : § 3.6
Seal leakage : § 3.7
Impact : § 3.8
Handle : § 3.9

INSUATED BAGS AND BOXES

NF EN 12546-2

Capacity : § 3.1
Insulation performance : § 3.2
Impact resistance : § 3.3
Handle strength : § 3.4
Cleaning (seepage test) : § 3.5
Marking and labelling : § 5

THERMAL PACKS

NF EN 12546-3

Adhesion of surface coatings : § 4.2
Leak resistance : § 4.3
Load resistance : § 4.4
Thermal shock : § 4.5
Impact resistance : § 4.6
Puncture resistance : § 5
Marking and labelling : § 6

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CUTLERY AND TABLE HOLLOWWARE

STAINLESS STEEL AND SILVER-PLATED CUTLERY

NF EN ISO 8442-2

Resistance to corrosion by immersion, and microscope analysis : **SFC method according to § 7.1**

Bending stability of the cutleryware (permanente deformation of the cutlery ware) : **§ 7.2**

Firmness of handle attachment : **§ 7.3**

Hardness of knife blade : **§ 7.4**

Marking : **§ 8.1**

Labelling : **§ 8.2**

NF EN 12875-1

Mechanical dishwashing resistance of ustensils

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OTHER PRESTATIONS

ASSISTANCE IN DRAFTING SPECIFICATIONS

Advice and analysis of the **performance tests to be carried out** by type of product (according to their material, shape, use): relevance of the tests proposed + proposal of other possible protocols, ...



TRAINING (in french)

LA CÉRAMIQUE DANS LES ARTS DE LA TABLE - Ceramic in tableware

This training presents the technical elements of table ceramics and the regulatory requirements (including regulations for ceramics in contact with foodstuffs) in progress in this sector. A presentation of the tests carried out in the laboratory to meet these regulations is included in the training.

DATE

March 9th 2023

1day - 8h

PLACE

6-8 rue de la Réunion - Les Ulis

91955 COURTABOEUF

RATE

700 € excl. taxes per person

MORE ...

Technical expertise

Practical case studies

Laboratory visit

[Find the full program HERE](#)

Whatever your training needs, contact us, the training team is at your disposal to create a learning path that best meets your expectations.



RÉPUBLIQUE FRANÇAISE

la certification qualité a été délivrée au titre de la catégorie d'action suivante :
Actions de formation

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