

CERTIFICATES GTD liquid dyes



SUBSTANCES OF CONCERN

- ▶ FREE FROM SUBSTANCES CLASSIFIED AS CMR, SVHC, ED, PBT/vPvB AND PMT/vPvM.
Compliant with REACH regulation



CONFORM



COLOUR FASTNESS

- ▶ **NF EN ISO 105-C06 06-2010**
TO DOMESTIC AND COMMERCIAL LAUNDERING
- ▶ **NF EN ISO 105 E04:2013-06**
TO PERSPIRATION
- ▶ **NF EN ISO 105 X12 09-2016**
TO RUBBING
Certificate number : 120-0853/1by SMTLaboratory France
On PA12 parts dyed with blue 8889 GTD
- ▶ **NF EN ISO 11507 PAINTS AND VARNISHES**
TO UV LIGHT AT 500H
Certificate number: ERO031736-1by ElementMaterial Technology Amsterdam
On PA12 parts dyed with black 8485 GTD



CHANGE 4/5



CHANGE 4/5



DRY 4/5



WET 4/5



GRADE 5/5



FOOD CONTACT

*Certificate number : 120-0853/1 by SMT Laboratory France
On PA12 parts dyed with blue 8889 GTD*

► **NF EN 13130**

SPECIFIC MIGRATION OF PRIMARY AROMATIC AMINES IN PLASTIC MATERIAL

NO MIGRATION

► **NF EN 1186-2&8**

OVERALL MIGRATION INTO OLIVE OIL

NO MIGRATION

► **NF EN ISO 1186 01-2003**

OVERALL MIGRATION INTO FOOD SIMULANTS

NO MIGRATION



STANDARD TOYS

► **NF EN 71-3+A3/06-2018**

MIGRATION OF ELEMENTS IN PLASTIC MATERIAL.

Al, Sb, As, BA, Cd, Cr, CrVI, Co, Cu, Pb, Mn, Cu, Pb, Mn, Hg, Ni, Se, Sr, Sn, Zn

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NO MIGRATION



BIOCOMPATIBILITY

► **NF EN ISO 10993-5/2010, NF EN ISO 10993-12/2012**

BIOLOGICAL EVALUATION OF MEDICAL DEVICES
PART 5 : TESTS FOR INVITRO CYTOTOXICITY.

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NO CYTOTOXIC



RoHS DIRECTIVE

► **NF EN ISO 10993-5/2010, NF EN ISO 10993-12/2012**

RoHS DIRECTIVE 2011/05/EU AND (EU)2015/863 - (AMENDMENT IN ANNEX II)

*Certificate number: AR-21-SV-011480-01 by EUROFINs
On PA12 parts dyed with black 8211C GTC*

This tests have been performed by accredited independant laboratories according iso standard. They do not guarantee the conformity of your finished product, which is depending of your raw plastic material, process and use. The labellisation have to be made to an accretited laboratory.