

**STATEMENT OF COMPLIANCE**DATE OF REVISION: 2014

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**GRANULAR VIRGIN PTFE**

CAS No: 9002-84-0

**PARTIAL TEST ON PLASTIC MATERIALS ACCORDING TO THE COMMISSION REGULATION (EU) NO 10/2011 OF 14 JANUARY 2011 AND ITS MODIFICATIONS**

Plastic materials and articles intended to come into contact with foodstuffs.

Certified by SGS Multilab France.

**TESTS COVERED**

Overall Migration to:

- 3% acetic acid,
- 50% ethanol,
- olive oil.

**FOOD & DRUGS ADMINISTRATION (FDA) DIRECTIVE 21 CFR 177.1550 AND 21 CFR 177.1380**

Articles or components of articles intended to come into contact with foodstuffs.

Certified by Intertek Polychemlab, USA.

**TEST COVERED**

- Determination of amount of Extractives

**REACH-SUBSTANCES OF VERY HIGH CONCERN (EC) NO. 1907/2006**

No substance included in candidate list updated on 16th Dec 2013 is used in polymerisation or in any step of the HaloPolymer Granular Virgin PTFE production.

**TESTED BY INTERTEK USA.****3-A SANITARY STANDARD PROCEDURE NO. 20-27 (LATEST REVISION)-USE PLASTIC MATERIALS**

Certified by Element Material Technology, USA.

**TESTS COVERED**

- Cleanability Response;
- Product Treatment;
- Cleanability Comparison.

**ROHS DIRECTIVE 2011/65/EU**

Restriction of Hazardous Substance in Electrical &amp; Electronic Equipment.

Certified by SGS Hong Kong Ltd.

**TESTS COVERED:**

- Determination of Cadmium content;
- Determination of Lead content;
- Determination of Mercury content;
- Determination of Hexavalent Chromium (Cr VI) content;
- Determination of sum of PBBs (Polybrominated biphenyls) and PBDEs (Polybrominated diphenylethers).

## UNITED STATES PHARMACOPOEIA (USP) CLASS VI

Certified by Pacific BioLabs, USA.

### TESTS COVERED:

- Systemic test to evaluate the impairment or activation of a system—rather than the impairment of individual cells or organs;
- Intracutaneous test to evaluate the potential of test materials—or their extracts—to cause irritation on the exposed part of the body;
- Implant tests to evaluate the pathological effects on living tissue, at both the gross and microscopic level.

### NO ANIMAL ORIGIN

HaloPolymer Granular Virgin PTFE does not contain, nor manufactured with, any animal products, animal fats, material of animal origin or grain alcohols.

### PHIS-CHEM TESTS

Certified by ELTEL Labs, USA.

Complies with all the requirements of following standard:

- IEC 60112 Comparative Tracking Index of Solid Insulating Materials Under Moist Conditions (CTI);
- UL 746-A Sec. 25: High-Voltage Arc-Tracking-Rate;
- UL 746-A Sec. 33 High-Current Arc Ignition;
- UL 746-A Sec. 32 Hot Wire Ignition;
- UL 94 Flammability of Plastic Materials Sec. 8 Vertical – V0 – V1 and V2.

MERL (Material Engineering Research Laboratory):

- Blister Testing of Polymeric Materials to API 17J.

### EVALUATE THE BLISTER RESISTANCE OF PTFE.

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