

PVDF

CAS NO: 24937-79-9

STATEMENT OF COMPLIANCE

EC 10/2011 and hence article 3 of European regulation no. 1935/2004 (Amendment to EU regulation no. 2002/72/EC)

Plastic material and article intended to come into contact with foodstuffs.

Certified by TUV India Private Limited.

Test Covered:

- a) Overall Migration
- b) Specific Migration of Heavy Metals
- c) Specific Migration of Primary Aromatic Amines
- d) Specific Migration of Phthalates
- e) Specific Migration of Monomer

INOFLARTM PVDF complies with the specific restrictions contained in Annex XVII of REACH Regulations & specific migration limits mentioned in Annex I of EU 10/2011 Regulation.

Food & Drug Administration (FDA) directive 21 CFR 177.1520

Substances for Use as Basic Components of Single and Repeated Use Food Contact Surfaces.

Certified by TUV India Private Limited.

Tests covered:

- a) Determination of maximum amount of Extractives in n-Hexane
- b) Determination of maximum Soluble Fraction in Xylene

Food & Drug Administration (FDA) directive 21 CFR 177.2510

Substances for Use Only as Components of Articles Intended for Repeated Use Food Contact Surfaces.

Certified by TUV India Private Limited.

Tests covered:

- a) Determination of maximum Extractable Fraction in Distilled Water
- b) Determination of maximum Extractable Fraction in n-Heptane
- c) Determination of maximum Extractable Fraction in 50% Ethanol

ROHS Directive 2011/65/EU

Restriction of Hazardous Substances in Electrical and Electronic Equipment.

Certified by TUV India Private Limited.

Test Covered:

- a) Determination of Cadmium content
- b) Determination of Lead content
- c) Determination of Mercury content
- d) Determination of Hexavalent Chromium content
- e) Determination of PBBs (Polybrominated biphenyls) and PBDEs (polybrominated diphenylethers)



Inoflar® PVDF resins are manufactured without the use of Fluoro-surfactants

PVDF

REACH- Substance of Very High Concern (EC) No. 1907/2006

Certified by TUV India Private Limited.

INOFLARTM PVDF complies with the SVHC candidate list updated on January 17, 2023.

Perfluorooctane Sulfonates (PFOS) and Perfluorooctanoic Acid (PFOA) compliance

Perfluorooctanoic Acid (PFOA), its salts and Perfluorooctanesulfonate (PFOS) are not used in polymerization or at any step in the production of INOFLARTM PVDF.

United States Pharmacopeia (USP) Class VI

Certified by Labcorp, USA.

Test Covered:

- a) Systemic Injection test
- b) Intracutaneous Injection test
- c) Intracutaneous Implantation test

Applicable to INOFLARTM 1005, 1011, 1020 and 1125.

NSF/ANSI/CAN 61

Plastic material and article intended to come into contact with drinking water application.

Certified by NSF, USA.

Test Covered:

Chemical Extraction Qualification.

Applicable to INOFLARTM 1005, 1011, 1020.

Underwriters Laboratories (UL)-File no. E321158

Certified by UL, Taiwan.

Complies with all the requirements of following standard:

The Standard for Tests for Flammability of Plastic Material for parts in Devices and Applications, UL 94.

Applicable to INOFLARTM 1005, 1011, 1020.

No Animal Origin

INOFLARTM PVDF does not contain nor manufactured with any animal products, animal fats and material of animal origin or grain alcohols.

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Note Warning: Do not use any of INOFLARTM PVDF resins in medical devices that are designed for permanent implantation in the human body. For other medical uses, prior permission of GFL may be sought.

SALES AND TECHNICAL SUPPORT

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