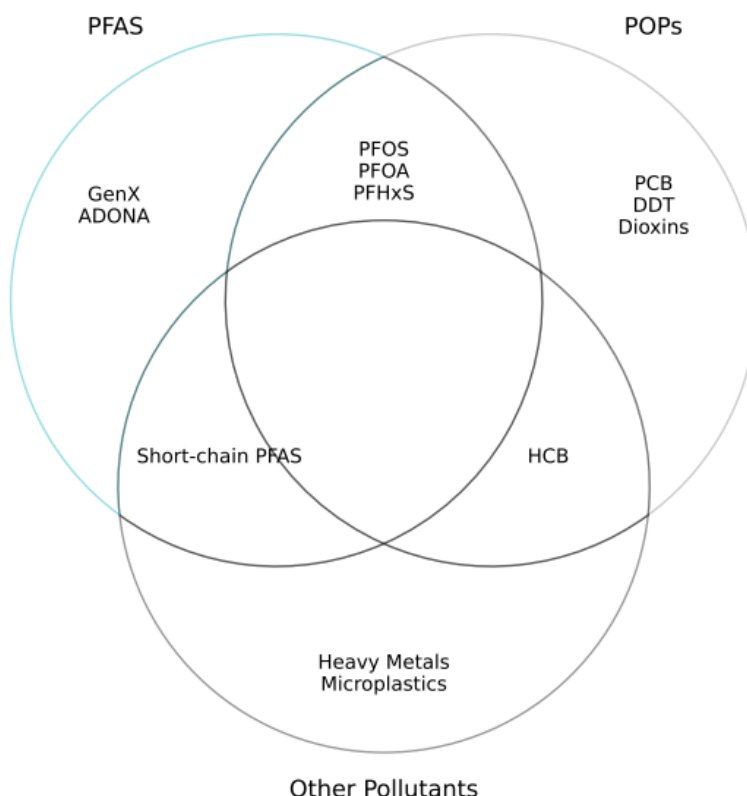


## POP, PFAS CONTENT DECLARATION

This declaration certifies that **Arconic-Kőfém Mill Products Hungary Kft.** does not intentionally add any substances classified as PFAS (Per- and Polyfluoroalkyl Substances), POPs (Persistent Organic Pollutants), or other related pollutants to our products during manufacturing.

Definitions and Regulatory References:



**PFAS:** A group of synthetic chemicals including PFOS, PFOA, PFHxS, and others, known for their persistence and potential health risks. PFAS (Per- and Polyfluoroalkyl Substances) are widely used in industries such as automotive, aerospace, electronics, textiles, medical devices, and energy due to their resistance to heat, water, oil, and chemicals. These substances appear in products like fuel tubing, semiconductors, waterproof fabrics, firefighting foams, and non-stick coatings. However, their environmental persistence and potential health risks have led to increasing regulatory restrictions and efforts to phase out or replace them.

**POPs:** Persistent Organic Pollutants regulated under the Stockholm Convention and EU Regulation (EU) 2019/1021, known for their long-term environmental persistence and toxicity. POPs are toxic chemicals that persist in the environment for long periods, accumulate in living organisms, and can travel long distances through air and water. They are commonly found in pesticides, industrial chemicals, and by-products of manufacturing processes. POPs can harm human health and wildlife by disrupting hormones, damaging the nervous system, and increasing the risk of cancer.

**PFOS** (Perfluorooctane Sulfonic Acid): Listed in Annex I of EU Regulation 2019/1021 and the Stockholm Convention (Annex B). PFOS is a synthetic chemical belonging to the PFAS group, known for its resistance to heat, water, and oil. It has been widely used in products like firefighting foams, stain repellents, and industrial processes. PFOS is highly persistent in the environment and bioaccumulates in humans and animals.

**PFOA** (Perfluorooctanoic Acid): Listed in Annex I of EU Regulation 2019/1021 and the Stockholm Convention (Annex A). PFOA is a man-made chemical used in the production of non-stick cookware, waterproof fabrics, and other industrial applications.

**PFHxS** (Perfluorohexane Sulfonic Acid): Listed in Annex I of EU Regulation 2019/1021 and the Stockholm Convention (Annex A). PFHxS is a synthetic chemical from the PFAS family, used in firefighting foams, textiles, electronics, and water-repellent coatings.

**PFCAs** (Perfluoroalkyl Carboxylic Acids): while PFOS and PFOA are included in Annex I of Regulation 2019/1021, PFCAs are regulated separately under REACH due to their similar persistence and toxicity. PFCAs are a subgroup of PFAS chemicals characterized by their strong carbon-fluorine bonds, which make them extremely resistant to environmental degradation. They are used in industrial applications such as non-stick coatings, waterproof textiles, and fire-fighting foams.

**Other pollutants:** Includes substances like GenX, ADONA, PCBs, DDT, and dioxins, which are regulated under various international frameworks. **GenX** is a trade name for a group of PFAS chemicals used as replacements for PFOA in non-stick coatings and industrial processes. Despite being introduced as a safer alternative, GenX is highly persistent and toxic, linked to liver, kidney, and immune system damage. Classified as a Substance of Very High Concern (SVHC) under REACH; subject to future restrictions under the EU-wide PFAS ban proposal. **ADONA** is another PFAS compound used as a processing aid in fluoropolymer production. It is highly water-soluble and persistent in the environment but shows low bioaccumulation. Registered under REACH, but not currently listed in Annex I of the POPs Regulation. It is under evaluation for potential environmental and health risks. **PCBs** are industrial chemicals formerly used in electrical equipment and lubricants. They are toxic, bioaccumulative, and classified as probable human carcinogens. Banned under EU Regulation 2019/1021 (POPs Regulation). Remaining PCB-containing equipment must be decontaminated or destroyed by December 31, 2025. **DDT** is a pesticide known for its environmental persistence and harmful effects on wildlife and human health, including endocrine disruption. Banned under EU Regulation 2019/1021 (POPs Regulation), in alignment with the Stockholm Convention.

Signed for and behalf of the manufacturer by:

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3.



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