

PFAS Testing & Screening for Polymers, Packaging and Manufacturing

intertek
**polymer
science**

Navigate PFAS Risks with Confidence

PFAS regulations are rapidly evolving across Europe and globally, creating new compliance challenges for polymer producers, packaging manufacturers, recyclers, compounders and companies using polymers in finished products. With new requirements under the Packaging and Packaging Waste Regulation (PPWR) and proposed PFAS restrictions under REACH, organisations need reliable analytical data to understand, monitor and manage PFAS risks.

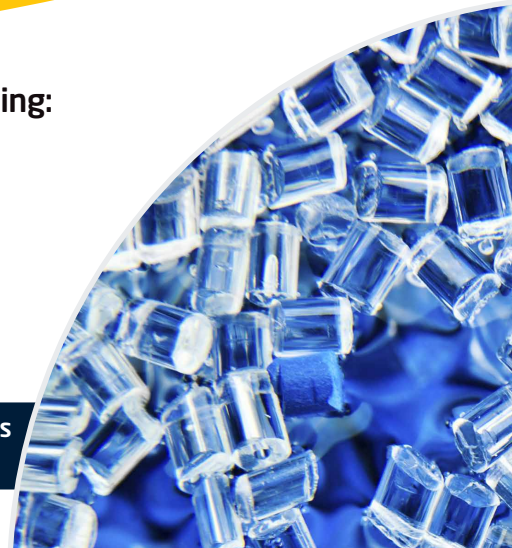
Expertise:

- PFAS Screening for Polymers, Plastics & Packaging
- Total Fluorine (TF) Analysis
- Total Organic Fluorine (TOF) Screening by Pyrolysis-GC/MS
- Targeted PFAS Testing by LC-MS/MS
- TOP Assay for PFAS Precursors
- Non-Targeted PFAS Screening
- Food Contact Packaging Compliance Support
- Regulatory & Technical Advisory

Supporting Industries Including:

- Polymer & Resin Manufacturers
- Packaging & Food Contact Materials
- Chemical Manufacturers
- Consumer Products
- Electronics
- Automotive
- Recycling & Circular Economy Operations
- Industrial Manufacturing

From rapid PFAS screening through to detailed compliance investigations, Intertek provides the analytical expertise needed to make informed decisions across the product lifecycle.



Comprehensive PFAS Testing & Screening Services

PFAS Screening & Characterisation

Total Fluorine (TF) Analysis

- Rapid assessment of total fluorine content by Combustion Ion Chromatography (CIC) for effective first-stage compliance screening

Total Organic Fluorine (TOF) Screening

- Pyrolysis-GC/MS screening for fluorinated organic compounds
- Helps distinguish organic PFAS-related fluorine from inorganic fluorine sources

Targeted PFAS Testing

- Detection and quantification of individual PFAS compounds (detection down to low ppb) by LC-MS/MS analysis



Advanced PFAS Investigation TOP Assay (Total Oxidisable Precursors)

- Identifies PFAS precursors that may not be detected by conventional targeted analyses
- Provides a more comprehensive assessment of total PFAS burden by converting precursor compounds into measurable terminal PFAS

Non-Targeted PFAS Analysis

- Identification of unknown and emerging PFAS by high-resolution LC-QTOF-MS and advanced data interpretation workflows
- Ideal for product stewardship and risk assessment

Regulatory & Compliance Support

- PPWR PFAS Assessments
- REACH PFAS Restriction Readiness
- Product Compliance Programmes
- Supply Chain Risk Evaluation
- Sustainability & Circularity Initiatives
- R&D and Product Development Support

Why Partner with Intertek? Global Expertise. Trusted Science. Practical Solutions.

- 40+ years of advanced analytical science expertise
- Comprehensive screening, targeted and non-targeted PFAS capabilities
- Support from research and development through production, recycling and circularity
- Global regulatory insight covering PFAS developments worldwide
- Broad experience across polymers, packaging, chemicals, consumer products and industrial materials
- Flexible testing strategies to manage compliance risk and support innovation

Talk to Our PFAS Specialists PFAS Testing | Regulatory Support | Polymer & Packaging Expertise



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