



INEOS


Olefins & Polymers Europe

Your partner in

**SERVICES &
SOLUTIONS**

**Analysis, processing
and testing**

INEOS



**Our experience
at your service**

INEOS Olefins & Polymers Europe

Our Experience

Knowledgeable people make the difference

- / INEOS Olefins & Polymers Europe is the largest petrochemical division of INEOS and is a leading European producer of polyolefins
- / Long tradition in catalysts and polyolefins production, research & development through INEOS' multi-heritage history
- / Functional teams and laboratories covering the whole value chain at the same location
 - Catalyst development
 - Product & applications development
 - Quality control
 - Product stewardship
 - Analytical-testing
 - Processing
- / Large network of internal and external accessible experts: plants, associated labs, universities network



Processing Facilities

Flexible processing equipment makes the difference

- / Pelletisation (from 10 g to > 1 ton)
- / Extrusion
 - Blown and cast film
 - Tapes/monofilaments
 - Pipe (diam 32 to 250 mm)
- / Injection moulding (ISO test bars, caps)
- / Compression moulding (plates, sheets)
- / Rotational moulding
- / Controlled processing machining of ISO/ASTM specimens from powders, pellets or end-use products

Analytical and testing Tools

Dedicated methods make the difference

- / Molecular and solid state structure identification:
NMR, FTIR, SEC-IR, extractables, DSC, density, XRF...
- / Rheological characterisation, processing behaviour
Capillary, dynamic, elongational rheometry
- / Testing methods for films, caps, pipes, tapes, filaments and ISO/ASTM specimens
 - Mechanical properties
 - Optical properties
 - Surface properties
 - Long term properties, ageing
- / Small scale processing, machining, testing and protocols
- / Characterisation of mineral or organic micro-defects on finished objects by Coupling Microscopy/FTIR and EDX scan semi-quant

Your Benefit

You will appreciate the difference

- / Physical & chemical characterisation
- / Identification of traces, defects, contaminants
- / Multi-layer products composition
- / Production of polyolefins standards for analytical methods
- / Accelerated and small scale testing of new formulations
- / On demand development of testing methods
- / Production of semi-finished products in pilot quantities
- / Processing problem solving

Contacts

We are looking forward to hearing from you



INEOS

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About us

INEOS is one of the world's largest chemical companies, founded in 1998. INEOS Olefins & Polymers Europe is a leading producer of olefins and polyolefins.

INEOS Olefins & Polymers Europe offers a full range of high value polyolefins solutions for market applications such as food and industrial packaging, pipe and automotive through dedicated sales, and technical service teams.

INEOS is a safe and environmentally responsible company. We are engaged in developing our sustainable agenda to improve our operations and to implement sustainable solutions for our customers. This includes products that offer lightweighting, energy efficiency, durability (extended lifetime) or conservation of resources. We care.



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