INEOS

Olefins & Polymers Europe

Your partner in

SERVICES & SOLUTIONS

for analysis, processing and testing

www.ineos.com

Our Experience

Knowledgeable people makes the difference

1 INEOS Olefins & Polymers Europe is the largest petrochemical division of INEOS and is a leading European producer of polyolefins

2 Long tradition in catalysts and polyolefins production, research & development through INEOS' multi-heritage history

3 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

4 Large network of internal and external accessible experts: plants, associated labs, universities network

Processing Facilities

Flexible processing equipment makes the difference

- **Pelletization** (from 10 g to > 1 ton)
- **Extrusion**
  _Blown and cast film
  _Tapes/monofilaments
  _Pipe (diam 32 to 180 mm)
- **Injection moulding (specimen, caps)**
- **Compression moulding (plates, sheets)**
- **Blow moulding of bottles**
- **Rotational moulding**
- **Controlled processing machining of ISO/ASTM specimen from powders, pellets, end-use products**

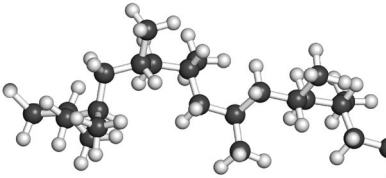
Analytical and testing tools

Dedicated methods makes the difference

- **Molecular and solid state structure identification:**
  FTIR, SEC, NMR, soluble fractions, DSC, density, XRF...
- **Rheological characterization, processing behaviour**
  Capillary, dynamic, elongational
- **Testing methods for films, caps, pipes, tapes, filaments and ISO/ASTM specimen**
  _Mechanical properties
  _Optical properties
  _Surface properties
  _Long term properties, ageing
- **Small scale processing, machining and testing tools and protocols**

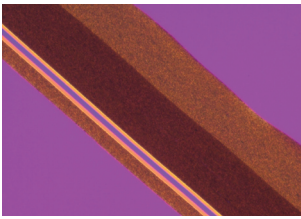
Your Benefit

You will appreciate the difference



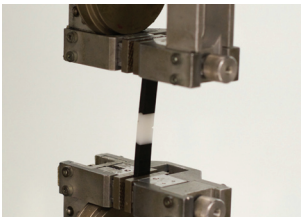
1 Physical & chemical characterisation

2 Identification of traces, defects, contaminants



3 Multi-layer products composition

4 Production of polyolefins standards and monitors for analytical methods



5 Accelerated and small scale testing of new formulations

6 On demand development of testing methods

7 Production of semi-finished products in pilot quantities

8 Processing problem solving

Contacts

We are looking forward to hearing from you

Jean-Louis Costa
Manager
T +32 2 2642 799
jean-louis.costa@ineos.com

Marianne Reignier
Quality/Analytical
T +32 2 2642 926
marianne.reignier@ineos.com

Pascal Deprez
Analytical
T +32 2 2643 445
pascal.deprez@ineos.com

Jean-Pierre Michel
Processing/Testing
T +32 2 2642 928
jean-pierre.michel@ineos.com

INEOS Lab Support Department
SOLVAY R&T Park
N° 310 rue de Ransbeek
B-1120 Brussels (Belgium)

INEOS is one of the world's largest chemical companies. Founded in 1998, the company employs 15,000 people and has turnover of around 47 billion US Dollars.

INEOS Olefins & Polymers Europe is a leading producer of olefins and polyolefins.

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

ECO EXCELLENCE
Our sustainable journey

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.

For further information please visit our website at **www.ineos.com** or contact us at **ineospofcsc@ineos.com**

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