

Partner offer (competences/expertise)

MICEL is specialized in designing, developing and converting flexible insulative materials, technical films and adhesives for several industries (transport, nuclear energy, renewable energy, energy storage...).

MICEL offers its expertise and technical resources to participate in the development of innovative flexible solutions, interfacial films or surface functionalization within a collaborative project.

Our company offers a complete technical assistance, a wide range of converting processes (slitting, sheeting, laminating, forming, machining, US welding, surface treatment...) and can carry out the development of innovative flexible solutions. Our expertise covers the following properties : electrical and thermal insulation, mechanical and optical properties, surface treatment, barrier coating (O₂, H₂O), adhesion/bonding).

Our complete equipment capabilities and know-how enable us to develop new products through all the technical process involved:

- Prototyping of technical films, flexible substrates and insulatives (hot press, laminating, pilot line for coating-lamination),
- Materials aging process (climatic chamber, oven),
- Chemical (Infra-red spectrophotometer), mechanical (tensile, adhesion strengths) optical (UVs), and permeability (using oxygen and water vapor) tests.

Topics

EE-17-2016-2017:

Valorisation of waste heat in industrial systems

LCE-07-2016-2017.:

Developing the next generation technologies of renewable electricity and heating/cooling

LCE-09-2016.:

Increasing the competitiveness of the EU PV manufacturing industry

Contact

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