

ecoplast

TECHNOLOGY®

AIIRIM INTRODUCES ECOPLAST TECHNOLOGY® FOR LOW CARBON PARTS PRODUCTION

Committed at reducing the contribution of plastic to global warming, AIIRIM is now able to manufacture on a new automated and modular production line low carbon technical parts using proprietary bio-based polyurethane.

Through an innovation program, funded by the French government under the scope of France Relance, ALLRIM managed to replace fossil fuel feedstock with alternate raw materials from biological sources as a way to reduce GHG emissions of Reaction Injection Molded polyurethane parts.

Ecoplast Technology®, a patented process by ALLRIM, is suitable for injecting low carbon technical parts in small to medium series.

"This is a world premiere, there is no injectable plastic for technical parts that contains such a high level of biobased materials".

P. Michaud CEO AIIRIM

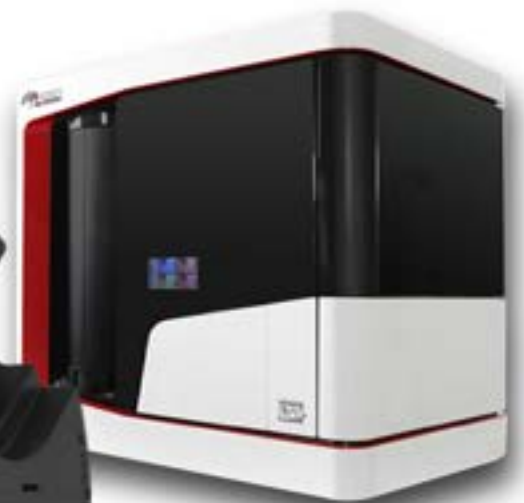
100% quality
CO² less emissions
70% bio based
enabled by
Nature



Molded part



Machined and painted part



AST reader-incubator (courtesy 12A)

- Durable, impact resistant
- an excellent dimensional stability
- Density ranging from 0.7 to 1,2
- UL 94 Vo certification
- Variable wall thickness possible
- Freedom of design
- Inmold coating and surface texturing
- Size up to 200cm
- Production from 100 to 10.000/year