

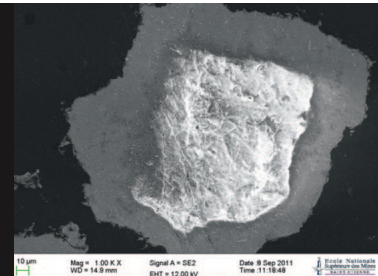
# CEPOLY

Development and innovative shaping  
of a new polymer matrix composite material

BUDGET	€301K
GRANTS OBTAINED	€104K
ACTRA FUNDING	2010 - 2013

## THE PROJECT

The CEPOLY project is opening up new perspectives on implantable biomaterials by studying a new composite: PEKK (polyetherketoneketone) reinforced with zirconium. This project aims to study the feasibility of manufacturing PEKK-based composites using non-conventional processes, namely microwave sintering and high-velocity compaction of polymers. The mechanical and tribological properties of the best parts produced by each process are measured and compared.



### PROJECT SPONSOR

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#### R&D PARTNERS



#### SME PARTNERS



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#### GROUP PARTNERS

