

Nanoparticles at NANOPART

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NANOPART is a young Belgian SME active in research and development in the field of nanomaterials. It is open to collaboration with interested partners for national and international projects.

NANOPART is also active in the production and commercialization of nanoparticles, nanofilaments, nanofibres, organic and inorganic nanotubes and graphene sheets.

The monodisperse nanoparticles produced in microemulsions are either organic (i.e. cholesterol, retinol) or inorganic (i.e. AgBr, CdS). Other nanoparticles such as graphene sheets are also produced.

The nanofilaments produced range from carbon- and other organic- nanotubes to inorganic nanotubes, as well as carbon fibres and nanowires.

Composite materials based on carbon nanotubes such as buckypapers, infiltrated buckypapers and polymer based nanocomposites with improved flame retardant properties, are also part of new materials developed at NANOPART.