About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

We have developed a unique technology platform consisting of marker materials and detection processes that can be used to directly mark products, authenticate them in a practical way and track them in a tamper-proof manner. From this, we have also developed the revolutionary Tracer-Based Sorting (TBS) sorting technology. This allows materials to be sorted highly efficiently and reliably into all desirable fractions.

With our technology, the highly complex materials of the lightweight components can be separated by type at the end of their life and thus reused. This saves a lot of resources. Furthermore, the identity of each individual object can be tracked using the parcel pattern.

St. Georgener Str. 19 79111 Freiburg Baden-Württemberg Germany

☑ www.polysecure.eu



Organisation type

Small or medium-sized enterprise

Sectors

No specific sector

Employees

10 up to 49

Turnover

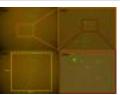
€2m - €10m

Funding









Main	areas
cover	ed

Marking of materials, Authentication of products, Sorting by type

Infrastructure

Production of speciality chemicals, Electro-optical measurement technology

Certifications

ISO 9001

Keywords

Fluorescent marker, Authentication, Identification, Sorting

Memberships

leichtbauatlas.de Page 1 of 4

Overview of lightweighting expertise **Machine translation** This organisation has been machine-translated based on data provided in German. Manufacturing Research **Development** & Supply Offer **Products** Parts and components, Software & databases **Services & consulting** Testing and trials, Engineering, Prototyping, Technology transfer Field of technology Design & layout Functional integration Measuring and testing technology Modelling and simulation Plant construction & automation Automation technology **Recycling technologies** Material separation, Recycling, Upcycling

leichtbauatlas.de Page 2 of 4

Overview of lightweighting expertise

Machine translation

This organisation has been machine-translated based on data provided in German.

	Research	N Development	/Janufacturing & Supply
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration Others (Fluorescent markers as additives)	✓	✓	✓
Primary forming			
Processing and separating			
Textile technology			
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

leichtbauatlas.de Page 3 of 4

Contacts Machine translation This organisation has been machine-translated based on data provided in German. Ms Vanessa Reich Mr Dr. Frank Fuchs Chief Scientist vanessa.reich@polysecure.eu frank.fuchs@polysecure.eu

leichtbauatlas.de Page 4 of 4