A. Schulman GmbH

About this organisation

Machine translation

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

A. Schulman is a leading supplier of high-performance plastic compounds and raw materials with its headquarters in Akron, Ohio, USA and its most important European development and production site in Kerpen, North Rhine-Westphalia. Since 1928, A. Schulman's 4,800 employees at 54 locations have been providing innovative material solutions for the growing demands of the packaging, mobility, construction, electrical & electronics, agriculture, hygiene, sporting goods, leisure and home markets.

Targeted development of lightweight solutions by A. Schulman: Replacement of metal components: A.Schulman offers a broad portfolio of modified plastic materials that can replace metals as a material and thus save weight. In addition to material expertise, you also receive support with the design. Lighter plastics replace heavy plastics: Our developments can now replace many plastic materials with lighter compounds without any loss of mechanical properties. Intelligent component design and targeted material selection make components lighter with the same dimensions and application suitability. Use of new density-reduced compounds: New developments with innovative fillers enable compounds with significant density advantages (weight savings!) compared to known materials with a constant property profile. In addition, these compounds make it possible to produce thinner, and therefore lighter, components due to their improved flowability.

Hüttenstraße 130 - 138
50170 Kerpen
North Rhine-Westphalia
Germany
www.aschulman.com

Organisation type
Large enterprises

Sector
Others: Kunststoff

Employees
500 and more

Turnover
n/a

Funding
n/a

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About this organisation

Main areas covered	Plastics production/distribution
Infrastructure	Research & Development, Laboratory
Certifications	ISO 9001; ISO/TS 1649; ISO 14001
Keywords	Plastic, Innovation, Compound, Material, Material
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Materials, Others (Plastic compounds)		✓	
Services & consulting Distribution			✓
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials Bioplastics			✓
Cellular materials (foam materials)			
Composites Aramid fibre composites, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Natural fibre reinforced plastics (NFRP)			✓
Fibres			
Functional materials			
Metals			
Plastics Thermoset plastics, Elastomers, Thermoplastics, Others (Masterbatches & Powders)			✓
Structural ceramics			
(Technical) textiles			

Contacts

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Contacts

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