



PRODUCT DIVERSITY IN PLASTIC

Always a plus.



Semi-finished products from PA, POM, PET and other materials:

- rods, sheets and tubes in various sizes and colours
- quality cast polyamides ideal for heavy duty applications
- semi-finished products to individual recipes
- wide variety available from stock
- for different application environments (shock-resistant, low-friction, suitable for use in the food industry)



LICHARZ

SEMI-FINISHED PRODUCTS PERFECT FOR EVERY APPLICATION

Services from a single source.

The engineering plastics PA, POM, and PET are **innovative substitution materials** for metallic materials because they are **wear-resistant, low-friction, and easy to machine**. Licharz individually adapts engineering plastics to your specific application. The **introduction of additives**, such as oil, allows mechanical, chemical, thermal, and electrical properties to be modified.

Under the brand name **LiNOTAM** we offer particularly wear-resistant and low-friction cast polyamides. Due to the special production process, **LiNOTAM** products have extremely low residual stress and are exceptionally dimensionally stable and have excellent machining properties:

- **LiNOTAM**: standard quality for engineering components subject to wear
- **LiNOTAMGLIDE**: excellent low-friction properties over the entire service lifetime
- **LiNOTAMHiPERFORMANCE**: the high-performance triple: Dimensional stable, durable with excellent damping properties
- **LiNOTAMDRIVE**: ideally suited for power and torque transmission
- **LiNOTAMCUSTOM**: for all your individual requirements



Take advantage of our cutting service:

- cut to size blanks on request with oversize or manufactured to their finished size
- cost savings by eliminating saw cutting
- less waste, no scrap and no off-cuts
- no inventory thanks to just-in-time delivery
- competence in production and cutting processes



LICHARZ

ALL TYPES OF BLANKS

We make the job easier.

Dimensionally accurate cutting of sheets, rods, and tubes or blanks cut from sheet – ready for further machining. This is no problem for us. As a manufacturer of large format semi-finished products we know precisely the problems faced by the machinist and have exactly the right machinery needed for efficient cutting.

The solution is cutting to order. Using modern CNC controlled table routers, sheet planers and molders we can produce pieces from all customary types of plastics dimensioned according to your specifications.

Order online!

Our online shop enables access to our current stock and has particularly attractive offers. Calculate exactly the blanks that you need using our eCut calculation tool!

Visit us at: www.licharz.com





Precision in engineering plastics:

- CNC milling machines, working range up to 3,000 x 1,000 mm
- CNC lathes, diameter up to \varnothing 1,560 mm
- CNC lathes, machining length up to 2,000 mm
- CNC lathes, up to \varnothing 100 mm spindle bore
- conventional lathes up to \varnothing 100 mm spindle bore
- plate saws up to 170 mm cutting width and 3,100 mm length of cut
- band saws up to \varnothing 800 mm
- molders up to 125 mm thickness and 225 mm width
- sheet planer up to 230 mm thickness and 1,300 mm width
- profile milling machines (table milling and routers)
- automatic eight-axis CNC profile milling machine
- gear cutting machines for gears from module 0.5 up to \varnothing 1,500 mm



LICHARZ

COMPONENTS FOR EVERY NEED

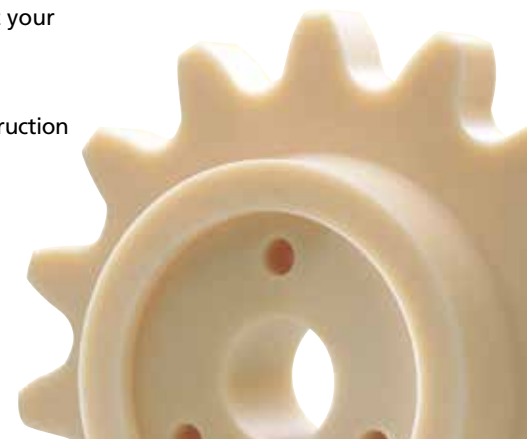
With the most modern machines ready to go.

Engineering plastics are high performance engineering materials for highly stressed mechanical parts, such as slider bearings, wheels, pulleys and guide rollers, gears and sprockets, and many other engineered components. We provide advice on the use of plastic engineered components and **help you develop custom component solutions** for your machines and equipment.

Machining – fast, accurate, and economical

Highly accurate, very stable, long-life engineering components can be manufactured quickly and economically by machining. Whether sawing, milling, turning, planing, or drilling, Licharz offers a wide range of manufacturing possibilities to suit your individual solution – from a simple wheel to complex 3-D machining.

We check the operating conditions relevant to your machine, review the construction drawings, and recommend the material and the best machining process for your needs. If required, we can also manufacture a prototype for you.





Everything for your success:

- high degree of expertise with all materials
- wide range of products and customized solutions in engineering plastics
- know-how gained through our own production
- good organization, resulting in fast delivery and fair prices
- value-adding partner

LICHARZ

RELIABLE, FAIR, FLEXIBLE

We turn ideas into business.

Take advantage of particularly robust semi-finished plastic products – exactly right for your application! For two generations Licharz has developed innovative solutions for engineering plastics. These we machine to produce performance plastic parts and components for various industries and markets.

You can rely on our continuous materials research and development to give you a competitive advantage: Around 250 professionals are working for you to deliver absolutely reliable products and ensure easy handling – from quotation to delivery.

Talk to us. We have **exactly your solution.**

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LICHARZ
EXACTLY YOUR SOLUTION

We are with you from the start.

