

Engineering plastics for use in wide range of applications



Innovation thanks to the usage of new materials and extensive experience



Engineering plastics for use in wide range of applications

History of the company:

The foundations of the company were laid by Mr. Oto Slavík in mid-1999. He started to sell semi-finished plastics.

2000	plastic trade, delivery of tailored plastics (blanks) and first deliveries of complete parts
2001	purchase of the first machine – initiation of the production of the machined parts
2002	first deliveries of welded and bent parts
2003	specialization in plastics machining and supply of construction plastics, initiation of construction and production of format parts for bottling lines
2006	Relocation to a new producing area and a storage space, expansion of the machine equipment
2010-2015-2018	Investment in modern producing technologies
2018	Moving to new production premises (1584 m ² production and warehouse, administration and other facilities 623 m ²)



Engineering plastics for use in wide range of applications

Who we are, our aim:

We are a small family company that specializes in the production of complete parts and the supply of semi-finished thermoplastics. Our dynamically expanding company supports modern and innovative ideas of our customers. We offer a wide portfolio of services. We approach our customers individually and try to adjust to their needs. Our moto is: with the growth of the number of our satisfied customers will also grow our company. Our aim is to become an important company not only in the Moravian-Silesian Region but also in the neighbouring countries.



Our portfolio:

- Sale of semi-finished plastics, incl. tailored plastic parts (blanks)
- Cutting operations (prototypes, job production, small-batch production)
- Plastics welding and bending, simple piece assembly
- Advisory service, customer consultation
- Possible delivery of pieces with VDA certification (Automotive)
- Construction of format parts for bottling lines
- Construction of plastic parts for shipping pallets in automotive industry
- Construction of PUR moulds
- Access to new materials



Engineering plastics for use in wide range of applications

Why engineering plastics?

- low density
- good electrical insulating properties
- good thermal insulating properties
- sliding properties even without lubricants
- ability to absorb impact
- high resistance to corrosion
- excellent design
- possibility of recycling



Engineering plastics for use in wide range of applications

Wide variety of materials:

- High-temperature plastics
- Polyamides
- Construction plastics
- Other plastics
- Polyurethane elastomers
- Layered electrical insulants
- Materials: extruded, cast, pressed, backed, foamed, with fillers - modified



Engineering plastics for use in wide range of applications

Shapes of semi-finished plastics and types of materials:

- boards
 - rods
 - pipes
 - blocks and circles
 - profiles
 - piping and fitting
-
- PAI, PI, PEEK, PEKKEK, PEK, PPSU, PSU, PTFE, PVDF, E-TFE, E-CTFE etc.
 - POM, PBT, PET, PC etc.
 - PA6E, PA6C, PA66, PA12 etc.
 - PP, PE, PVC, PS, EVA, PMMA, PETG, ABS etc.
 - TPE, PUR, HGW or aluminum alloys



Engineering plastics for use in wide range of applications

Wide range of application:

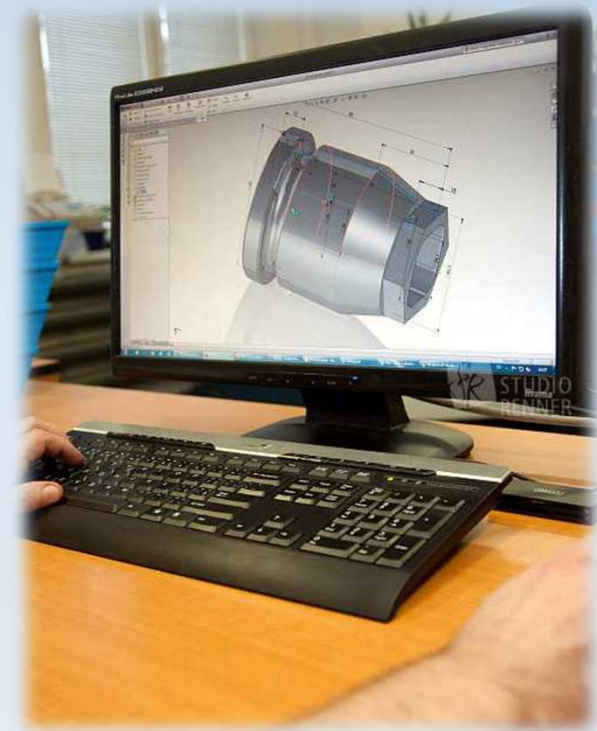
- temperature range from +300 (330) °C to -270 °C
- electrically non-conductive, antistatic, conductive materials
- natural, transparent, translucent, coloured materials
- new and recycled materials
- sliding materials, abrasion resistance, chemical resistance, with great strength, permeable or resistant to different kinds of radiation (UV, RTG, etc.), fire retardant, without inner tension
- suitable for food contact (incl. detectable), physiologically harmless, for clean environment, biocompatible, antibacterial, sterilisable



Engineering plastics for use in wide range of applications

Use in different branches:

- Aviation and cosmic technology
- Medical and laboratory technology
- Electrotechnical industry
- Vacuum technology, transportation technology
- Mechanical engineering, automotive and shipbuilding industry
- Food processing industry
- Extractive and processing industry
- Chemical industry
- Nuclear technology, plastics for clean environment
- Advertising, construction industry



Engineering plastics for use in wide range of applications

Mechanical equipment:

- 2x 5-Axis CNC VMC milling machine, 650x550x500 mm, rotation table 600x600 mm
- 1x 3-Axis CNC VMC milling machine, 610x510x610 mm,
- 1x 3-Axis CNC VMC milling machine 1150x550x550 mm + 4. axis (rotation)
- 1x 3-Axis CNC milling center, 1220x3000x300 mm, vacuum table
- 1x 5-Axis CNC milling center, 1440x4000x250 mm, vacuum table
- 1x 3-Axis CNC milling center, 2100x4200x200 mm, vacuum table
- 1x 2,5-Axis CNC marking/engraving machine, 800x1200 mm
- 1x CNC turning and milling center, diameter 300x515 mm, powered tools, bar feeder
- 1x CNC turning and milling center, diameter 450/340x1500 mm, powered tools
- 1x CNC turning and milling center, diameter 220x510 mm, Y-axis, counter spindle, powered tools, bar feeder



Engineering plastics for use in wide range of applications

Other Equipment:

- Pillar drilling machine, threading machine, format saw, keyway slotting machine
- Extruder for plastics welding, welding machine for plastics
- Plastic bending machine, max. 2000x1000 mm, max. thickness 12 (20) mm, Rmax 55 mm
- Vacuum membrane press incl. oven
- Measuring instruments, gages, profile projector, etc.
- CAD/CAM: 3x station SolidWorks, 2x station HSM Works, 1x station dAlphaCam, 1x station Gravostar;
- CRM system: S4S incl. application of barcode in production





Engineering plastics for use in wide range of applications

We are looking forward to our cooperation

SLAVÍK - Technické plasty s.r.o.

Address: Hlučínská 91/47, 747 14 Ludgeřovice, Czech Republik

Manufacturing: U Cihelny 230/3, 748 01 Hlučín, Czech Republik

Contact:

Email: info@plasty-slavik.cz

Tel.: +420 595 052 323

Sale of machined products – export

Tel: +420 595 053 979

Mobile phone: +420 725 917 430

Email: sale@plasty-slavik.cz

Registered in Registration Office administrated by Regional court in Ostrava, section C, number 28097,

CIN: 26839890

VAT: CZ26839890

<http://www.plasty-slavik.cz/>