

# AKUplastics

Your supplier

## Finished parts



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# Our profile

With years of experience in sales and processing of thermoplastic semi-finished products, we have become a significant Austrian provider of complete solutions for the entire processing industry.

From our headquarters near Melk on the Danube, we supply and support the domestic market as well as our customers in Western Europe, Hungary, and Southeast Europe. Our two warehousing subsidiaries in the Czech Republic and Slovakia are responsible for their respective markets as well as other Eastern European countries.

Our products are used in various sectors such as:

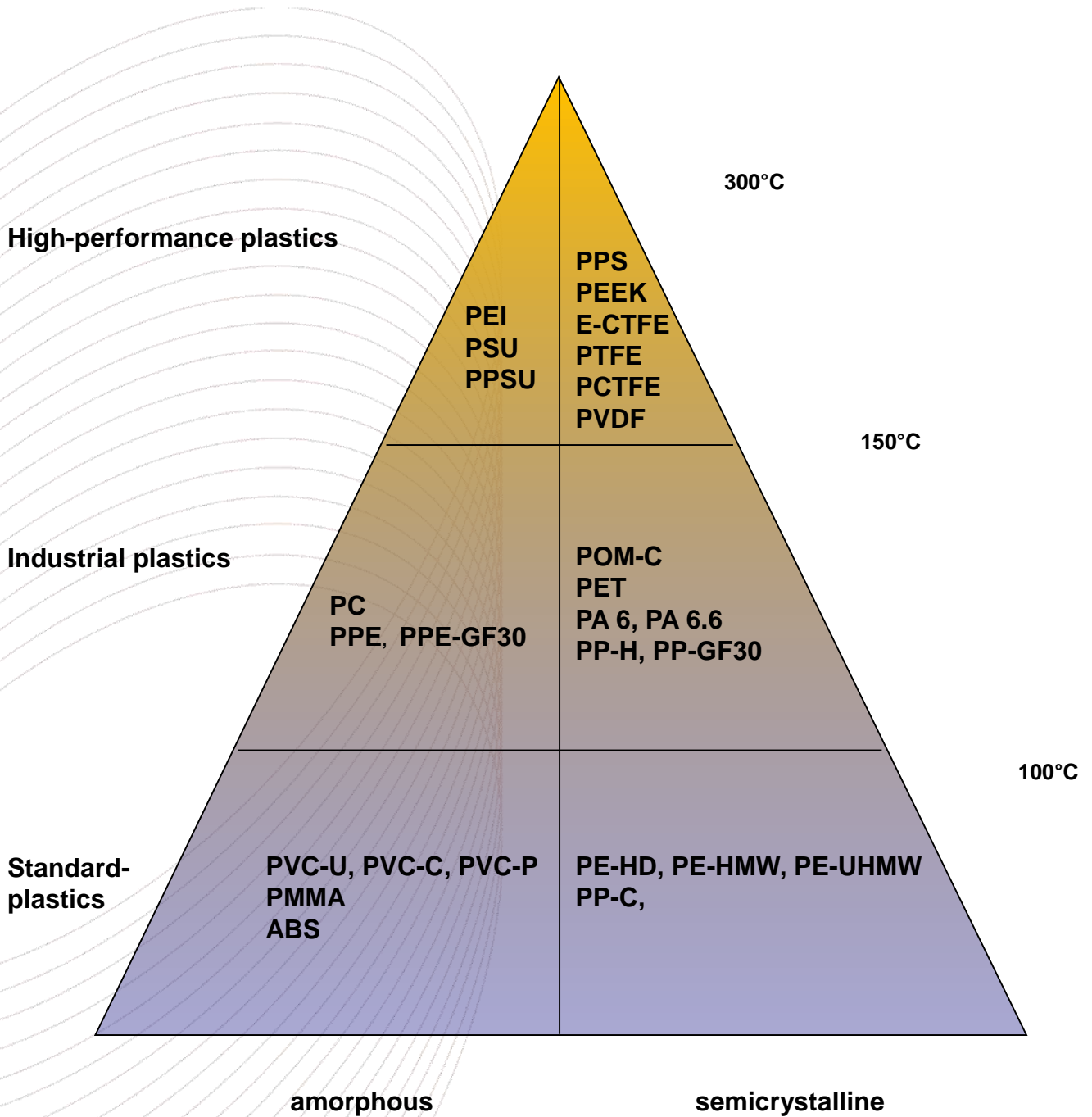
- Chemical industry
- Tank and plant construction
- Semiconductor industry
- Apparatus engineering
- Electrical and electronic industry
- Mechanical engineering
- Storage, lifting, and conveying technology
- Textile machine construction
- Automotive industry and vehicle construction
- Food industry
- VisCom applications
- Medical technology
- Nuclear technology
- and many other areas.

A balanced product range, ranging from semi-finished products such as sheets, solid and hollow rods, hexagonal rods, flat bars, standard profiles, welding wires, and sight glasses to machined finished parts as well as ventilation fittings and processing machines for welding and bending technology, clearly demonstrates this.

Through continuous examination and expansion of our supplier base, we are able to offer the best quality at fair prices.

As permanent market observation and societal changes require a rethink in solutions, semi-finished products based on biopolymers and recyclates are now being produced worldwide for the first time.

# Materials



This overview provides a selection of the materials available on the market and obtainable from us, and it does not claim to be exhaustive.

# Finished parts

After your sketches, drawings, or CAD drawings (in DWG or DXF format), we provide finished components made from various technical plastics using state-of-the-art CNC machines.

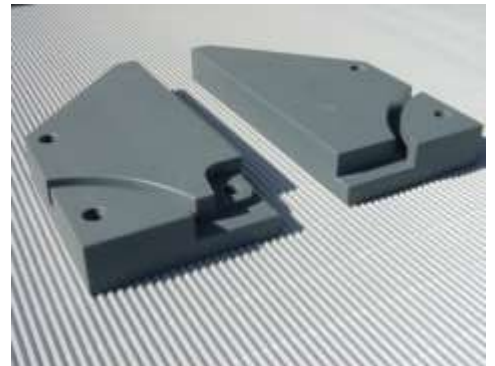
Small or large series as well as prototypes of small CNC milled parts to chain slides, chain guides, large milled guide rails, or even turned parts are available from us.

Due to our extensive experience in the processing of plastics, only plastics that are clamped, processed, and cooled using air in a manner appropriate to the material are processed on the machines.

This guarantees our customers stress-free, highly precise, and clean parts.



# Finished parts



# Semi-finished products - Delivery Overview

Material designation according to DIN/ISO	+ PANELS, SHEETS, BLOCKS FOILS SHEETS ROUND (SOLID) RODS HEXAGONAL RODS HOLLOW RODS PRESSURE & SIGHT PIPES VENTILATION COMPONENTS WELDING ADDITIVES SHAPED PIPES STANDARD PROFILES									
	Standard dimensions (mm)						Additional delivery options			
	Thickness 1)	Thickness 1)	ODØ 2)	LW	ODØ 3)	ODØ 4)	(✓ = available / - = no)			Type of profile
BIO-Polymere div.	-	-	10-40	-	-	-	-	-	-	✓
PVC-U (Hard-PVC)	1-100	-	5-400	10-38	15-230	10-600	✓	✓	✓	U/L/H/T
PVC-HI	3-50	-	20,30,40	-	-	-	-	-	-	-
PVC-ESD	-	-	20,30,50	-	-	-	-	-	-	-
PVC-Hardfoam	1-24	-	-	-	-	-	-	-	-	-
PVC-C	3-30	-	10-150	-	-	16-500	-	✓	-	L
PVC-P (Soft-PVC)	-	2-10	-	-	-	-	-	✓	-	-
PE-HD (PE 300)	2-120	-	10-700	17-38	30-1350	10-1400	✓	✓	✓	U/L
PE-HMW (PE 500)	10-100	-	-	-	-	-	-	-	-	-
PE-UHMW (PE 1000)	3-100	-	20-200	17-38	-	-	-	-	-	-
PP-H	2-120	-	10-700	17-32	30-1350	10-1400	✓	✓	✓	U/L
PPs	3-20	-	20-100	-	-	-	✓	✓	-	-
PPs-EL	3-20	-	20-80	-	-	-	-	✓	-	-
PP-GF30	40	-	20-150	17-38	-	-	-	-	-	-
PP-PET-F30	-	-	25-100	-	-	-	-	-	-	-
PP-C	3-15	-	-	-	-	-	-	✓	-	-
PP-R	-	-	-	-	-	-	-	✓	-	-
PP-ESD	-	-	20-110	-	-	-	-	-	-	-
ABS	15-100	-	10-100	-	-	-	-	-	-	-
PET (PETP)	10-80	-	12-200	17-38	-	-	-	-	-	-
PMMA-XT	-	-	4-200	-	-	7-250	-	-	-	-
PMMA-GS	-	-	10-200	-	-	40-500	-	-	-	-
PC	15-50	-	10-180	17-38	-	10-200	-	-	-	-
PPE	10, 20	-	20-80	-	-	-	-	-	-	-
PPE-GF30	-	-	30, 40	-	-	-	-	-	-	-
PA 6 xt	2-100	-	6-300	17-38	20-100	-	-	-	-	-
PA 6.6	10-50	-	6-150	17-38	-	-	-	-	-	-
PA 6 cast	16-100	-	50-320	-	-	-	-	-	-	-
PA 6.6-GF30	10-100	-	20-150	-	-	-	-	-	-	-
POM-C	2-130	-	3-500	17-38	20-200	20-450	-	-	-	-
POM-ESD	12, 20	-	-	-	-	-	-	-	-	-
POM-ELS	30, 50, 80	-	12, 20, 30	-	-	-	-	-	-	-
POM-PE10	10-50	-	20-100	-	-	-	-	-	-	-
PEEK	8-50	-	5-200	17-38	-	-	-	-	-	-
PEEK mod.	10, 20	-	10-80	-	-	-	-	-	-	-
PEEK-GF30	-	-	10100	-	-	-	-	-	-	-
PES	-	-	12-100	-	-	-	-	-	-	-
PSU	-	-	20-100	-	-	-	-	-	-	-
PPS	-	-	20-50	-	-	-	-	-	-	-
PPS-GF40	-	-	20-50	-	-	-	-	-	-	-
PPSU	-	-	20-40	-	-	-	-	-	-	-
PEI	-	-	25-100	-	-	-	-	-	-	-
PVDF	2-60	-	10-250	17-38	110-250	16-400	✓	✓	-	-
PVDF-ELS	-	-	20-60	-	-	-	-	-	-	-
ECTFE	1,5/2,3/3	1,5/2,3	25-127	-	-	20-110	✓	✓	-	-
PCTFE	5-30	-	9-125	-	30-430	-	-	-	-	-
FEP	5-30	1,5-2,3	9-125	-	-	32-110	-	✓	-	-
PFA	5-30	1,5-2,3	9-125	-	-	16-32	-	✓	-	-
PTFE-virg.	1-50	0,5-3	4-775	-	10-1440	10-80	-	-	-	-
PTFE-C25	1-50	0,5-3	4-775	-	10-1440	10-80	-	-	-	-
PTFE-GF25	1-50	0,5-3	4-775	-	10-1440	10-80	-	-	-	-

1) Standard formats, 2) Standard length, 3) Inner diameter and length as well as 4) Wall thickness (if applicable, pressure series) and length on request.

Minimum quantities, standard formats, designs, colors, cuttings, and machined parts according to drawing are available on request.

This overview illustrates our delivery options for standard products and does not claim to be complete and accurate.

As a specialist company, we also supply machinery, equipment, and accessories for plastic welding, joining, bending, and folding technology.



# Semi-finished products - Delivery Overview



Plates and bars made of  
PA 6, PA 6.6, PA 6.6 GF30



Plates and bars made of  
POM-C, POM-ESD, POM-AS



Plates and bars made of  
PET (PETP)



Plates and bars made of  
PVC-U, PVC-C



Plates and bars made of  
PP-H, PP-C



Plates and bars made of  
PE-HD (PE80, PE100), PE-UHWM



Plates and bars made of  
PEEK, ECTFE, PCTFE, PTFE, FEP, PFA



Plates and bars made of  
ABS



Pipes and bars made of  
PMMA



Standard profiles and shaped pipes made of  
PVC-U, PE-HD, PP



Pipes and bars made of  
transp. PVC-U



Plates and bars made of  
PC (Industriequalität)





## **AHLBORN KUNSTSTOFFE**

Mürfelndorf 10  
A-3650 Pöggstall / Austria

t: +43 (0)2758 34994-0  
f: +43 (0)2758 34994-4  
e: [office@akuplastics.com](mailto:office@akuplastics.com)