

AKUplastics

Your supplier

Ventilation molded 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:

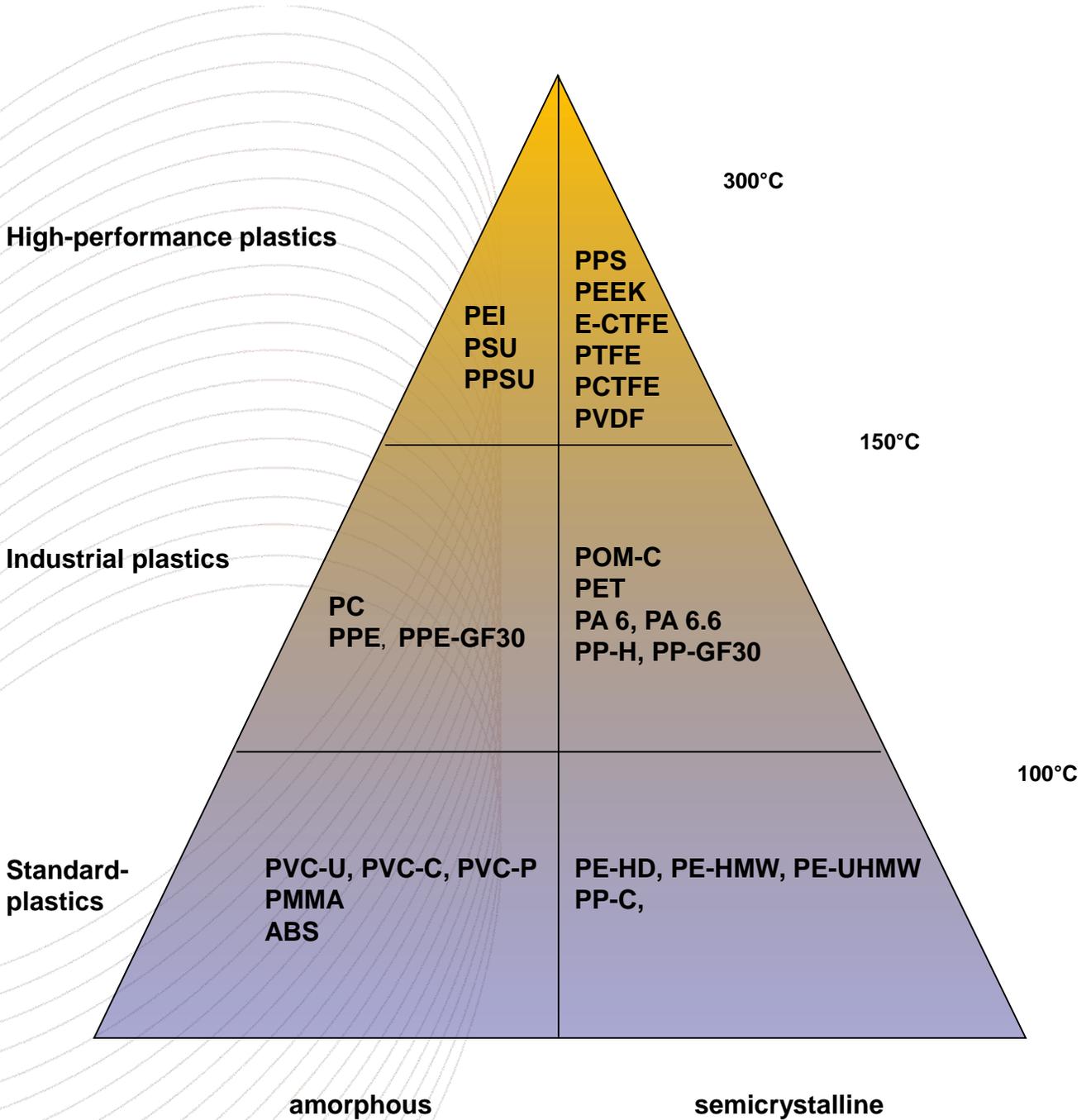
- Chemical industry
- Tank and plant construction
- Semiconductor industry
- Apparatus engineering
- Electrical and electronic industry
- Mechanical engineering
- Storage, lifting, and conveying technology
- Textile machine construction
- Automotive industry and vehicle construction
- Food industry
- 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.

Ventilation molded parts

Ventilation molded parts made of plastics are needed wherever plastic ventilation ducts are laid due to corrosion resistance or abrasion resistance.

As a specialized company, we offer these ventilation molded parts made of various chemically highly resistant and abrasion-resistant plastics such as PVC, PPs, PP, PE, and PVDF.

Patented manufacturing processes guarantee excellent fit and dimensional accuracy. In our specialized catalog, you will find all the molded parts needed for steering, distribution, and regulation of airflows up to PN 2.5.

Naturally, pipe silencers and volume flow controllers are also available in our extensive product range.

Molded parts with dimensions in the range of pipe diameters Ø50 to Ø600 mm are available at short notice.

Larger diameters can be custom-made by segment welding upon request. All molded parts are supplied with sockets as standard but can optionally be equipped with flanges.

The airtight connection from pipe to molded part with socket depends on the material. Typically, this is done by bonding with solvent adhesive, welding with hot air and auxiliary wire, or with special adhesive/sealing tapes.

Ventilation molded parts



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)



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