

TW Plastics

YOUR SPECIALIST
FOR PLASTICS



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As a free trader for plastic resins, TW Plastics offers a wide portfolio of high quality plastics from different well-known producers. An excellent network, as well as many years of market and logistics experience combine to make us your competent partner.

Furthermore, having our own logistics we can store and deliver flexible at short notice – we have the necessary flexibility.

Trust us, because we make a deliberate effort in order to fulfill all your requirements.

We know that it's work the effort.



AUTOMOBILE

PACKAGING

COSMETICS

MEDICINE

E+E

INDUSTRY+
CONSTRUCTION

PRODUCTS

Plastics – Experience – Flexibility and Passion

All kinds of plastics, always adapted to customer requirements on a daily basis — with experience and enthusiasm.

This is TW PLASTICS.

WE OFFER A LARGE SELECTION OF:

- Standard Plastics – "Commodities"
- Engineering Plastics up to
- High Performance Plastics from well-known producers.



As a free trader we are able to offer alternative sources for your products. In addition to the distribution of thermoplastic resins, we develop and offer compounds. It can be on a basis of prime material or recycled or regenerated material. Whether standard or customized, we design your product.

Naturally we are ready, willing and able to organize a technical service.





STANDARD PLASTICS

PE (Polyethylene)
 PP (Polypropylene)
 PS (Polystyrene)
 EVA (Ethylene Vinyl Acetate)
 SAN (Styrene-Acrylonitrile)
 ABS (Acrylonitrile-Butadiene-Styrene)
 MABS (Methyl Methacrylate ABS)



ENGINEERING PLASTICS

PA (Polyamide)
 PC (Polycarbonate)
 PC/ABS - Blends
 PMMA (Polymethyl Methacrylate)
 ASA (Acrylonitrile-Styrene-Acrylate)
 PBT & PET (Polyester)
 POM (Polyoxymethylene)
 PPE / PPO - Blends



HIGH PERFORMANCE PLASTICS

PPS (Polyphenylene Sulphide)
 LCP (Liquid Crystal Polymers)



THERMOPLASTIC ELASTOMERS (TPE)

The combination of Thermoplastics with the softness and elasticity of elastomers.

Thermoplastic Elastomers (TPE's) building the bridge with their properties between elastomers and thermoplastics. At room temperature TPE's are comparable with classic elastomers. By heat supply they can be processed like thermoplastics.

TPE's are always a combination of an elastomer with a thermoplastic.

TPE-S, TPE-U and TPE-C are block copolymers
 TPE-O and TPE-V are variants of polymer blends.

COMPOUNDS & REGENERATED MATERIAL

Standard or customized – we have your solution!

Based on prime or recycled and reprocessed material compounds are produced. All common thermoplastics are available. For example PA/Nylon, POM, PP, PE, ABS, PPS, TPEs and so on.

TYPICAL CHARACTERISTICS:

- "Tribology" – improved wear & tear behaviour (ptfe/teflon, silicone, ...)
- improved mechanical characteristics like strength & stiffness (glass fibre, glass balls, carbon fibre, ...)
- improved impact modification (elastomers, pe, ...)
- improved dimension stability/warpage
- increased/decreased density
- improved resistance against heat, hydrolysis, thermal aging (UV)
- antistatic or electrically conductive properties

BIO-PLASTICS

Bio based & biodegradable plastics

Bio-based and biodegradable plastics are becoming increasingly important. We are also dedicated to this topic. Together with our partners we are able to offer different solutions. Resins based on biomass and resins based on synthetics. Some examples are Polylactide (PLA), PLA Blends, plastics based on starch (maize), BIO PET and Bio TPEs.



QUALITY IS OUR CREDO

We think in a long-term relationship, for the customers as well as suppliers. The quality and service of our products are essential for us.

Reliability, constant product quality and delivery are important aspects in our relationship.

A part of this is shown on our external certification according to DIN ISO 9001.

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