



开德阜工程塑料 (苏州) 有限公司

AKRO Engineering Plastics (Suzhou) Co., Ltd.

AKRO-PLASTIC is your specialist for innovative and application-oriented plastic compounds. Development and production of engineering plastic compounds and masterbatches of AKRO-PLASTIC GmbH and its subsidiary AF-COLOR, both belonging to the Feddersen-Group, is effected in Niederzissen, Rhineland-Palatinate. Founded in 1988, the company has been steadily increased during the past 20 years. Furthermore, it has many years of worth experience in plastics compounding, while annually producing more than 45.000 tons. The company has been specialized in refinement of standard plastics as well as engineering plastics. Since 2005, AKRO Engineering Plastics, a Chinese subsidiary located close to Shanghai, has been operating successfully on the market.

The portfolio of AKRO Engineering Plastics (Suzhou) ranges over:

AKROMID® B PA 6

AKROMID® B series are polyamide 6 modified compounds. AKRO can provide glass fiber reinforced, mineral and glass bead filled, impact modified grades, non-halogen and non-phosphorus flame retardant grades as well. The most glass fiber content can reach 60%. Due to excellent mechanical properties and surface, AKROMID® B can be utilized as functional parts in automobile, electronic & electric, domestic industry and so on.

AKROMID® A PA6.6

AKROMID® A series are polyamide 66 modified compounds. AKRO can provide glass fiber reinforced, mineral and glass bead filled, impact modified grades, non-halogen and non-phosphorus flame retardant grades as well. The most glass fiber content can reach 60%. Due to excellent physical and thermal properties, AKROMID® A can be utilized as functional parts almost in every field.

AKROLEN® PP

AKROLEN® PP series are polypropylene modified compounds. AKRO can offer glass fiber reinforced, mineral filled modified PP. We can also provide tailor-made modified grades according to customers' specific requirements.

TechnoDur® PBT

TechnoDur® PBT series are polybutylenterephthalate modified compounds. AKRO can supply not only general modified grades including glass fiber reinforced, PBT/PET alloy, but also offer low warpage special modified PBT. Due to excellent mechanical and insulating properties, TechnoDur® PBT can be utilized in electronic & electric, automobile, etc.

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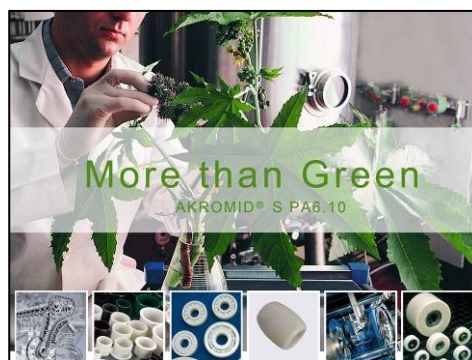
AKROMID® T PPA

The product family AKROMID® T is particularly characterized by high temperature resistance as well as the lowest moisture absorption of all three PA-types. In this way, it is particularly suitable for applications with high temperature loading in the automotive sector and mechanically highly stressed parts in engine construction.



AKROMID® S PA6.10

Particular mention within this product family deserves the fact, that AKROMID® S, a polyamide 6.10, consists of up to 70% of a biogenic part and consequently even as “drop-in polymer” fulfils the definition of a biological compound. Characteristic for this material is the very high media resistance and excellent low-temperature impact strength. The product ranges from unreinforced to 50 % glass fiber reinforced variants.



AKROLOY® PA

AKRO-PLASTIC has developed a product with the already known special blend AKROLOY® PA, based on PA 6.6, significantly reducing the disadvantageous features of a polyamide for the application area metal substitution. One of those features is the moisture absorption, leading to reduction of stiffness, resistance and tensile-creep modulus and consequently to a lower dimensional stability of material.



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