

Connecting **Chemistry**



POLYMERS DACH

„Powerkit“ with a robust
drive technology in
ALAMID[®]-Compounds

Product Information

Fun-Faktor: „Powerkit“ with a robust drive technology in ALAMID®-Compounds

A manufacturer of electrical conversion kits for mountain bikes, used parts from ALAMID® for the drive technology to its innovative „Powerkits“. These kits can be mounted quickly and easily on the bike and provide ultimate fun off-road.

The ALAMID® base polymers are noted for their high toughness and hardness. These materials' excellent abrasion resistance and high heat deflection temperature, coupled with their good resistance to chemicals, mean that ALAMID® compounds can be used for functional engineering parts that are subject to special requirements.

ALAMID® Features

- Very good surface finish
 - No streaks
 - No colour changes
 - A high colour stability under environmental influences and in contact with everyday media
- Neutral natural colour and good colourability of the base polymer
- High dimensional stability and very low warpage
- High strength and toughness under mechanical load
- Very good chemical resistance and resistance to cleaning agents
- Stable process capability
- A broad range of filler and reinforcing materials
- Great flexibility and extensive modifications for customer-specific applications

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