

# Transmission Oil Pans

## Automotive / Engine / Oil / Lubrification

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### Benefits

- Proven track record with OEMs
- Cost effective
- Heat resistant
- Better welding strength than PA66
- Flowability enables thin wall designs



### Details

Akulon® PA6 is a thermoplastic with high heat resistant properties making it an ideal choice for applications such as transmission oil pans, providing superior price and performance over a wide range of competitive materials, including steel, aluminum, PA66, and metal-elastomer laminates. Akulon® PA6 allows for up to 60% weight reduction and better NVH performance versus metal. Due to the possibility of function integration, Akulon® PA6 is a cost-effective solution. Akulon® Ultraflow grades offer a 25% cycle time advantage and high flowability enabling thinner wall designs. The high crystallinity and melting point of Akulon® materials ensures stiffness retention at elevated temperatures making it ideal for critical applications.

### Products

Akulon® K224-HG7  
PA6-GF35

Akulon® S223-HG6  
PA66-GF30

Akulon® K224-HG6  
PA6-GF30

Akulon® Ultraflow K-FHG7 /A  
PA6-GF35

Akulon® Ultraflow K-FHG6/B  
PA6-GF30

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