

EPS Steering components: Gears, Flex couplers and Sensors

Automotive / Steering / EPS

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Benefits

- Reliable
- Sustainable
- Lightweight
- Low NVH
- High abrasion resistance



Details

Stanyl® PA46 is the first high-temperature polyamide and the only aliphatic polyamide in its class, making it an ideal choice for EPS steering components including gears, flex couplers, and sensors. Offering 17% less weight than a metal alternative, Stanyl® PA46 is a reliable and lightweight sustainable solution with NVH significantly lower compared to metal, offering low friction and high abrasion resistance performance. The combination of high crystallization speeds and high crystallinity make Stanyl® PA46 ideal for high-temperature applications since it comes with a melting temperature of 295° C.

Products

Stanyl® TW341
PA46

Stanyl® TW241F10
PA46-GF50

Stanyl® TW271F6
(PA46+PTFE)-GF30

Stanyl® TW278F10
(PA46+PTFE)-GF50

Stanyl® TW241F3
PA46-GF15

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