

Gears

Automotive

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Benefits

- Envalior is a global leader in the design, engineering and testing of advanced thermoplastic materials for gears and actuation systems. Automakers and other global manufacturers trust Envalior Engineering Materials to improve the performance of complex automotive applications, appliances, consumer goods, and industrial applications. In fact, Stanyl® is used in nearly 40 million gears in 100 million automotive actuation systems each year, making it one of the most popular thermoplastic gear materials in the world.



Details

Broad portfolio of high-performance polyamide materials for gears; Stanyl® PA46 grades consistently proven to outperform PA66 and POM; Stanyl® offers comparable but less expensive performance than PEEK; High-performance Stanyl® grades enable more compact design and lightweighting opportunities; Advanced bio-based EcoPaXX® PA410 grades also available for a great combination of performance and sustainability

Products

Stanyl® TW200F6
PA46-GF30

Stanyl® TW341
PA46

Stanyl® TW241F10
PA46-GF50

Stanyl® TW241B3
PA46-CF15

Stanyl® TW271F6
(PA46+PTFE)-GF30

Stanyl® TW271B3
(PA46+PTFE)-CF15

Stanyl® TW271B6
(PA46+PTFE)-CF30

Stanyl® TW278F10
(PA46+PTFE)-GF50

Stanyl® TW241F12
PA46-GF60

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Typical values are indicative only and are not to be construed as being binding specifications. Colorants in the product or other additives may cause significant variations in typical values.

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