

Robotic gears & gearboxes

Robotics

Print Date: 2024-06-20

Benefits

- Stanyl® offers a superior alternative to POM, PA66 and PPA with higher torque and temperature performance
- Stanyl® provides a comparable alternative to PEEK with significant cost savings.
- Stanyl® is a proven solution used to manufacture more than 100 million automotive gears each year
- Stanyl's higher torque & durability performance allow more compact gearbox designs saving space and weight



Details

Envalior is an experienced leader in material science for advanced gears and actuation systems. Advanced materials such as Stanyl PA46 are used in millions of automotive and industrial applications each year. By offering superior materials and experienced application development support, Envalior partners to improve performance and reduce the cost of complex actuation systems.

Products

Stanyl® TW200F6
PA46-GF30

Stanyl® TW341
PA46

Stanyl® TW200B6
PA46-CF30

Speciality products

Stanyl®

All the trademarks mentioned here are trademarks of Envalior.
Seller represents and warrants exclusively that on the date of delivery by Seller the product shall be in conformity with the specifications agreed upon. Seller makes no other representations or warranties, whether express or implied.
Seller is not responsible or liable for the design of the products of the Customer and it is the responsibility of the Customer to determine that the Seller's product is safe, complies with application laws and regulations, and is technically or otherwise fit for its intended use. Seller does not endorse or claim suitability of its products for a specific application and disclaims each and every representation or warranty, whether express or implied, in that respect.

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.

Copyright © Envalior 2024. All rights reserved. No part of the information may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of Envalior.