

Pump Housings

Industrial equipment / Pumps & valves

Print Date: 2024-06-20

Benefits

- Allows for lightweight and more economical solutions
- Allows for more reliable solutions
- Provides higher stiffness and chemical resistance
- Fifty percent lighter and 30 percent more affordable than metal
- Can be metallized via electroplating or vacuum deposition
- Flame retardant
- Combines high strength and rigidity with excellent processing characteristics
- Bio-based
- Low-moisture uptake & high chemical resistance
- Best-in-class high temperature and wet mechanical performance
- Low-moisture uptake & high chemical resistance.



Details

Akulon® PA6 is a thermoplastic with high heat resistance commonly used in applications, like pump housing. Akulon® PA6 allows for reliable solutions due to its stiffness and toughness, and better surface appearance leads to more cost-effective solutions. EcoPAXX® is our most established bio-based engineering plastic. It can be easily processed and is commonly used in applications, such as automotive, water management, consumer goods, and food contact. ForTii® Ace WX53-FC is a breakthrough high temperature polyamide containing flame retardant grades for applications in electronics, lighting, automotive, white good, industrial and aerospace industries.

Products

EcoPaXX® Q-DWX10
PA410-GF50

Akulon® Ultraflow K-FHG0
PA6-GF50

Pump Housings

Industrial equipment | Pumps & valves

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.