

Integrated Air Inlet Manifolds (up to 180°C)

Automotive / Engine / Air Intake

Print Date: 2024-05-03

Benefits

- Long-term heat resistance up to 230 °C
- Lower system costs compared to metal.



Details

Stanyl® Diablo and Akulon® Diablo are high heat-resistance polyamides (up to 230° C) that are built specifically for high-demanding under-the-hood applications, like integrated air inlet manifolds up to 180° C. They provide unmatched performance and value for demanding applications in which superior heat resistance, design stiffness, wear & friction and process flow qualities are required. In the case of Akulon, we created this material to help customers tackle the ever-challenging temperature range within small, hotter turbo engines. The product also reduces both fuel consumption and carbon emissions, thanks to its reduced weight. This makes it ideal for people, planet and profit.

Products

Akulon® HR-HG6
PA66-GF30

Akulon® Diablo HT-HG0
(PA66+PA6)-GF50

Akulon® Diablo HT-HG6
(PA66+PA6)-GF30

Akulon® K224-HG7
PA6-GF35

Akulon® S223-HG6
PA66-GF30

Akulon® S223-HG7
PA66-GF35

Akulon® HR-HG7
PA66-GF35

Akulon® K224-HG6
PA6-GF30

Akulon® K227-XHG6
PA6-GF30

Speciality products

Akulon® Diablo – Akulon K227-XHG6 (improved burst pressure) – Akulon HR-HG6 and HR-HG7 (improved hydrolysis resistance)

All the trademarks mentioned here are trademarks of Envallor.

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 © Envallor 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 Envallor.