

Integrated Air Inlet Manifolds (up to 180°C)

Automotive | Engine | Air Intake

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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)

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