



Powertrain

Air Intake Manifold

OEM/Vehicle

Volkswagen AG

2015 EA21 Engine 1.6L engines

System Supplier

Hua Tao Ltd.

Material Processor

Hua Tao Ltd.

Material Supplier

SABIC

Resin

SABIC G3135X PP



This is the first air-intake manifold launched in China using 35% GR-PP to replace PA 6/6. The application provides 25-30% cost reduction and 15-20% molded-part weight reduction while retaining properties at high temperatures and improving weld strength, and NVH by 5 dB. Unique technology involving finer glass fibers and special sizing helps meet performance requirements. Parts are vibration welded.