



PART# 7 (007)

VW EA211 Engine Air Intake Manifold

COMPETITION WINNER OF: SPE Automotive Innovation Award, Powertrain Category Winner
SPE TPO Conference Award, Under-the-Hood Category Winner

SUBMITTED BY: Volkswagen

PROCESSOR: Hua Tao Ltd.

DESIGNER: Volkswagen

MOLDMAKER: Hua Tao Ltd.

OVERVIEW: First air intake manifold launched in Greater China made from polyolefin. SABIC® PP compound G3135X enables 25-30% part cost reduction, and 15-20% molded part weight savings, which directly contribute to CO₂ reduction. This SABIC® PP compound was specifically developed for air intake manifolds; and provides required retention of properties at high temperatures, reduces NVH by 5 dB and improves weld strength.