

SABIC TAILGATE

SABIC LGF-PP grown in automotive industry because of its mechanical superiority and weight saving potential, particularly when switching from metal solutions. This LGF-PP imparts superior impact resistance, higher rigidity, good creep resistance and modulus retention at typical automotive temperature range. Its also have less shrinkage and warpage than the SGF-PP, for greater dimensional stability. The inner structure of liftgates are increasing in size need excellent strength-to-weight ratios and long-term creep fatigue resistance. Extensive engineering is required for the design of applications with these glass filled materials, especially with their structural complexity. SABIC can help with extensive knowledge of both SGF-PP and LGF-PP materials and our sophisticated set of predictive engineering and modeling capabilities.

SABIC VALUE PROPOSITION



Grade	Features
STAMAX™ 30YM240 & 40YM240	PP homopolymer; 30% or 40% long glass fiber reinforcement; good toughness and strength; black color; injection molding grade.
STAMAX™ 40YM240E	PP homopolymer; 40% long glass fiber reinforcement; emission optimized; high strength and stiffness; black and natural for coloring at press; injection molding grade.
STAMAX™ 40YM243	PP homopolymer; 40% long glass fiber reinforcement; UV stabilized; high strength and stiffness; black and natural for coloring at press; injection molding grade.
STAMAX™ 40YM440	PP homopolymer; 40% long glass fiber reinforcement; good toughness and strength; higher-quality aesthetics; injection molding grade.



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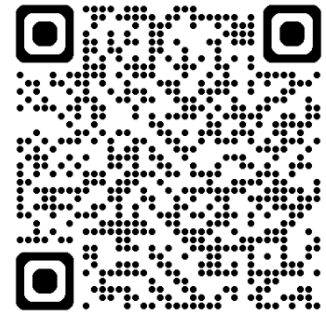
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