

THERMOPLASTIC SOLUTIONS FOR AUTOMOTIVE CONNECTORS



With the shift to hybrid and all-electric vehicles, requirements are changing for connectors, connection systems, and many other components. SABIC has solutions.

- For over two decades, manufacturers have drawn from our proven portfolio of VALOX™ polyester resins for these components.
- Our flame retardant (FR) VALOX glass fiber compounds bring good electrical properties, improved chemical resistance, lower water absorption, and high CTI performance.
- We now have a new line of non-halogenated FR polypropylene (PP) solutions, available as SABIC® PPcompounds (SGF-PP) and STAMAX™ resins (LGF-PP).
- With these easily processed materials, you can achieve a low flammability rating that meets the UL94 V0 FR standard at 1.5 mm up to 3.0 mm.
- They offer easy processing and excellent mechanical and electrical performance.
- For more complex connector designs, we offer XENOY™ HTX resins, high-heat polyester alloys. Advantages of this high-flow, heat-stabilized solution includes performance at a varied temperature range and high stiffness.
- Our dedicated automotive team can help you with solutions for connectors. In addition to proven materials, we can provide engineering resources and assistance to support the optimization of your design.

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