



CONNECTORS

BENEFITS OF THERMOPLASTIC-BASED SOLUTIONS

- High CTI & HDT
- Cost saving vs PA6 solutions

APPLICATION REQUIREMENTS

- Dimensional stability
- Electrical insulation
- Fire resistance
- Orange color

MATERIAL REQUIREMENTS

- Orange color
- High HDT
- Flame retardancy
- High CTI

POTENTIAL MATERIALS	NOTES
VALOX™ FR 357U (PC/PBT) resin	V0 @ 0.65 mm
VALOX™ FR 310SE0 resin	High HDT & CTI
VALOX™ FR 553 resin	High HDT & CTI; high stiffness
VALOX™ 420SE0 resin	High stiffness & HDT

This application solution has been developed and verified under SABIC's BLUEHERO™ initiative—an expanding ecosystem of materials, solutions and expertise designed to help accelerate the shift to electrification. Through BLUEHERO, SABIC offers a global team of specialists with expertise in the design, development and testing of material solutions for EV battery systems and related EV components.

