



## 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™ 357X(U) (FR PC/PBT)	V0 @ 0.65 mm
VALOX™ 310SEO (FR PBT)	High HDT
VALOX™ 553 (FR 30%GF PC/PBT)	High HDT; high stiffness
VALOX™ 771 (FR 35%MF/GF PBT)	High HDT & CTI
VALOX™ 420SEO (FR 30%GF PBT)	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.

