ELECTRIFYING STRENGTH

Ignite a passion for exploration and push the boundaries of durability with long fiber thermoplastic technology for bikes, engineered to excel in extreme challenges!

**REDUCED WEIGHT**
40–50% weight reduction when switching from metal, portability
**SOLUTION:** Long carbon fiber reinforced composites

**BATTERY RANGE EXTENSION**
Lightweighting
**SOLUTION:** Long fiber reinforced polyketone (PK) thermoplastics

**STRENGTH IN EXTREME ENVIRONMENTS**
High strength-to-weight ratio, high and low temperature performance
**SOLUTION:** Long carbon fiber reinforced composites

**CORROSION RESISTANCE**
Metal replacement, eliminate secondary operations, slow moisture uptake
**SOLUTION:** Moisture resistant long fiber reinforced nylons

**SUSTAINABILITY**
PIR/PCR content incorporation
**SOLUTION:** Recycled content long fiber thermoplastics

© 2023, All Rights Reserved
Avient Corporation, 33567 Walker Road, Avon Lake, Ohio USA 44012