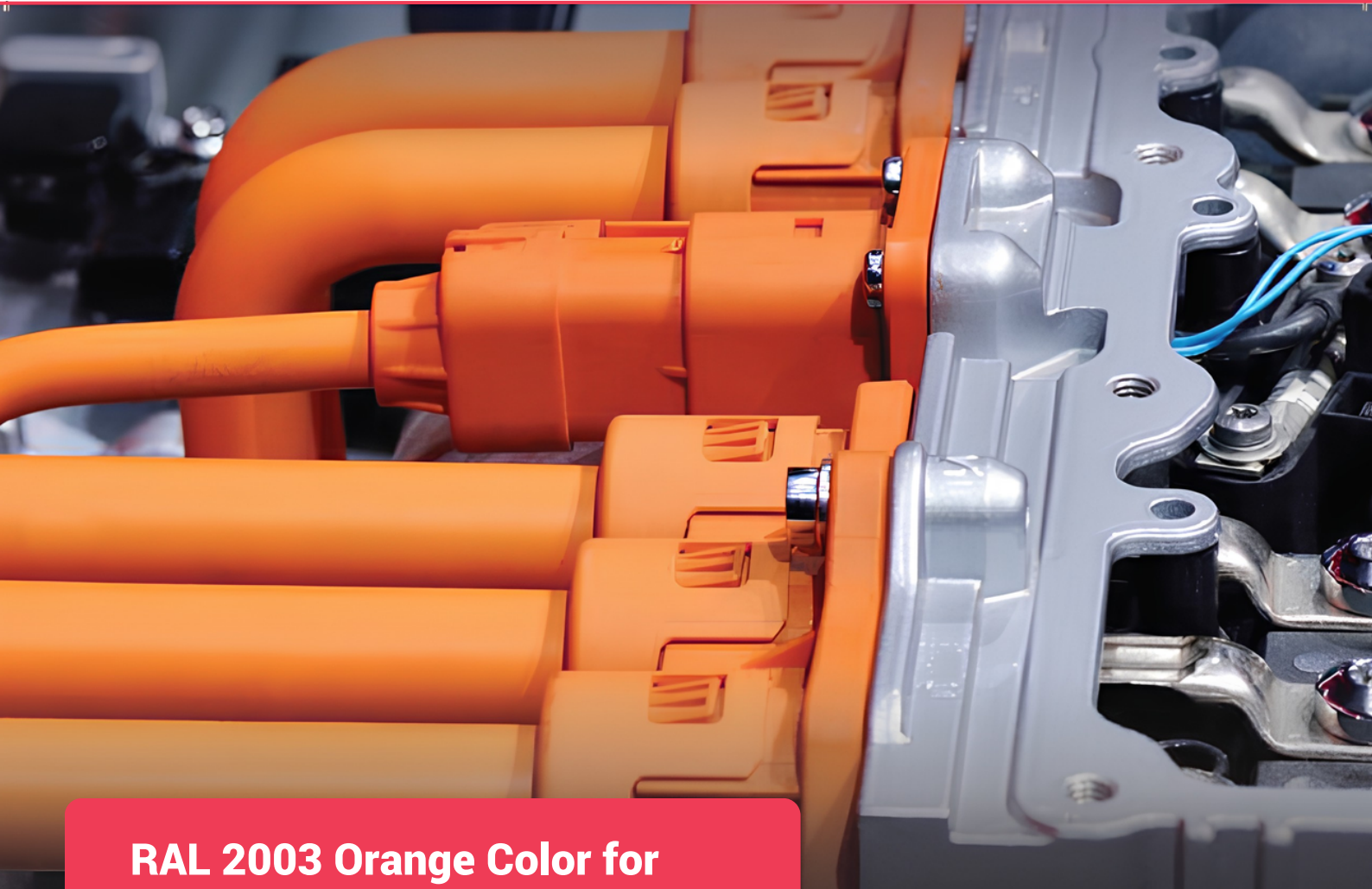




RAL 2003 Orange Color for E-MOBILITY

EPLAMID 6 FX0 is an unfilled **PA6 material** developed for e-powertrain applications and designed to meet the RAL 2003 orange safety coding requirements for electric vehicles. Optimized for **battery cover** applications, it delivers the key thermal, mechanical, and color performance properties required for EV battery protection components.

The material passes thermal aging testing at **100°C for 168 hours**, retains its **UL V0 rating after 1,000 hours at 90°C**, and maintains a color difference of **Delta E < 13 compared with RAL 2003**.

Thanks to its high flowability and good process stability, EPLAMID 6 FX0 supports reliable injection molding while providing durable performance in electric vehicle battery protection applications.