

LUBRIZOLENGINEERED
POLYMERS

ADVANCING MATERIALS. ELEVATING PERFORMANCE.



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Lubrizol's thermoplastic polyurethane (TPU) materials are based on decades of continuous polymer technology innovation. It is driven by our commitment to finding high-performing sustainable solutions. With the growth of the electric vehicle (EV) market, and the focus on finding safer, regulatory-compliant, and more sustainable alternatives, Lubrizol's scientists and application lab experts have identified ESTANE® TPU as a solution that improves quality and efficiencies while supporting our customers on their sustainability journey.

ESTANE® EV polymers are designed by Lubrizol Engineered Polymers to provide a range of polymer solutions for EV charging system cables. These new, non-halogenated flame-retardant (NHFR) specialties complement our full portfolio of NHFR materials for wire and cable producers, including automation and robotic applications.

Boost your EV charging cables by using ESTANE® EV TPU



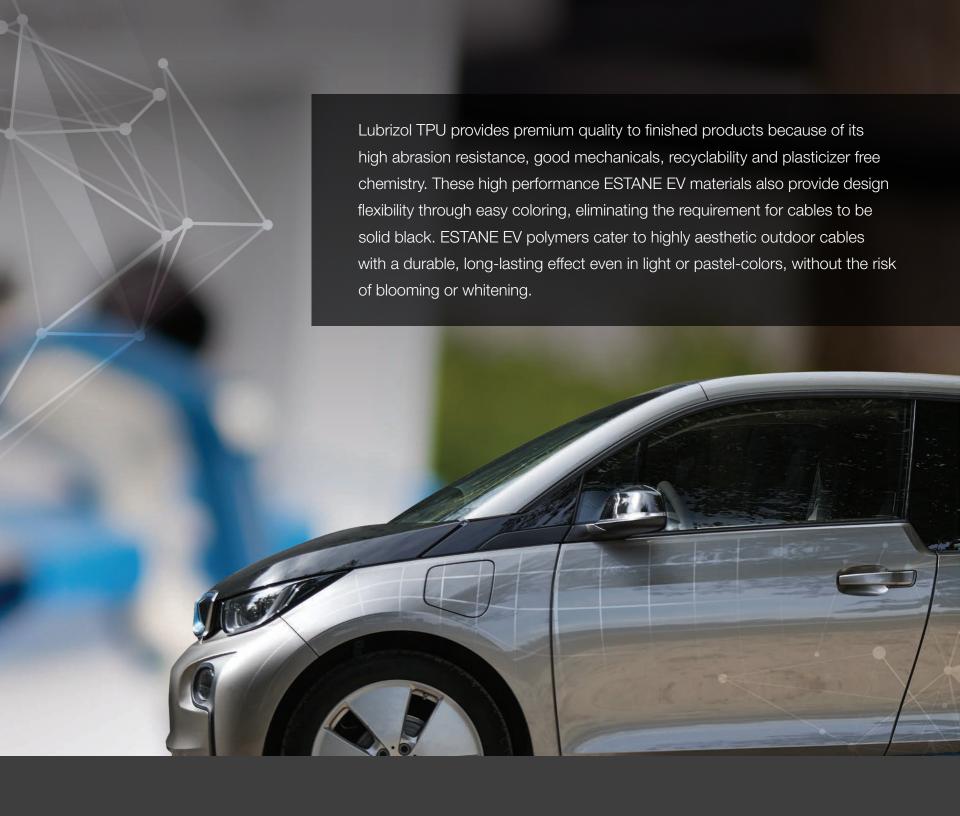
LOW TOXICITY AND LOW VOLATILES

VERY LOW OR NO ODOR

COMPLIANCE WITH IEC 62893 AND EN 50620 STANDARDS

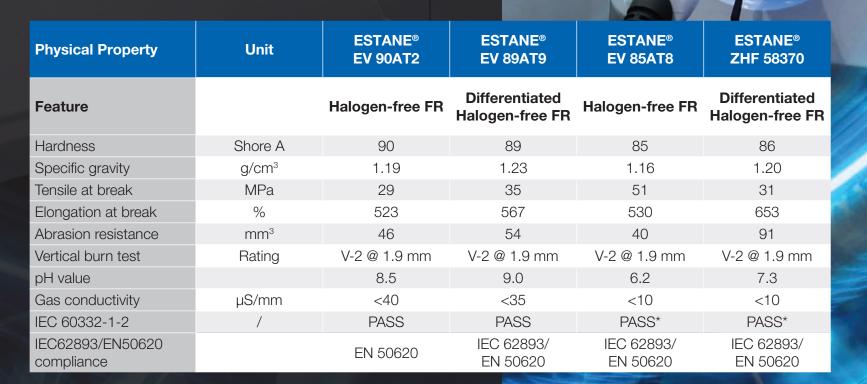
EASY PROCESSABILITY

VERY GOOD AESTHETICS



ESTANE EV PORTFOLIO

Our current ESTANE EV portfolio is based on differentiated, NHFR technology with low toxicity/smoke and showing an advantage in conductivity ($<35~\mu\text{S/mm}$). An overview of the top properties of the resins in the EV portfolio follows:



*Dependent on cable construction

There are other NHFR products available, please consult us.

LOCALLY PRESENT GLOBALLY NETWORKED

With local sales and technical support, R&D and manufacturing centers of excellence in each region, and a well-networked global supply chain, we offer a convenient, single source of reliable solutions for customers across the world.

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