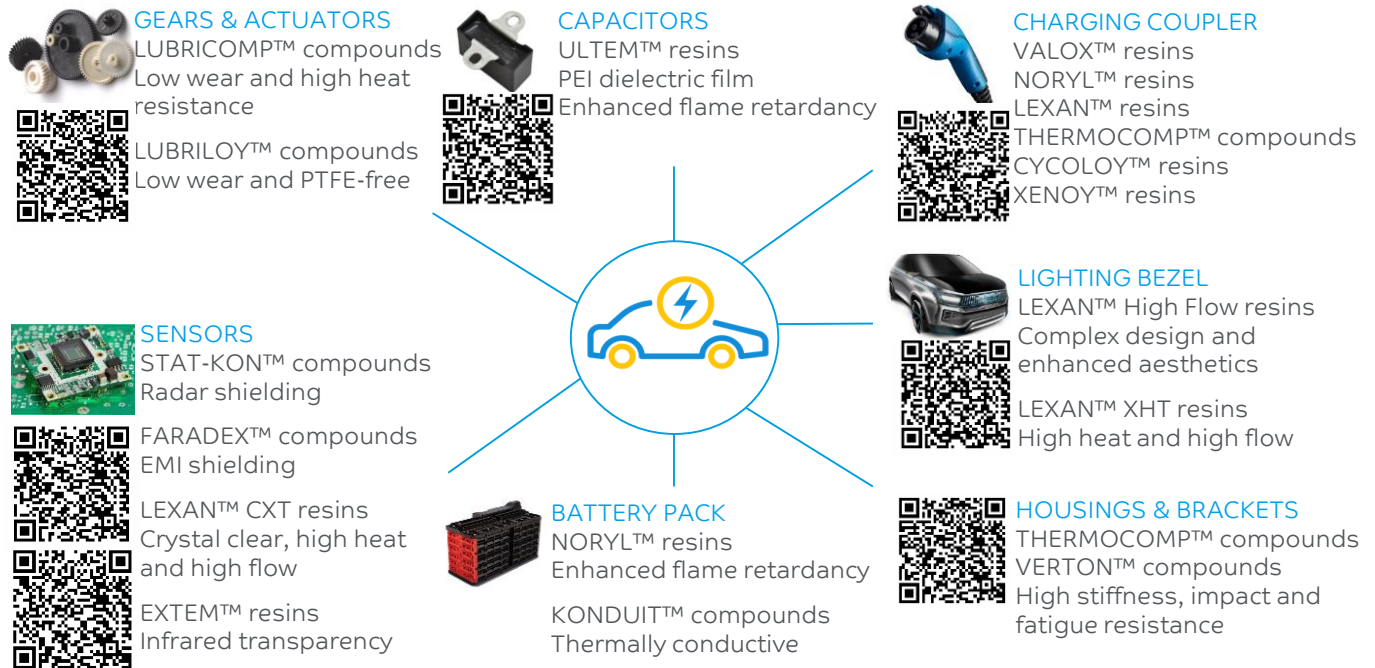


# MATERIAL SOLUTIONS FOR ELECTRIC VEHICLES

As a leading thermoplastics supplier to the automotive industry, SABIC is also developing solutions for the new mobility trends. Use the links below to read more about each of the material solutions to support the development of electric and connected vehicles.



## POTENTIAL APPLICATIONS

- WEIGHT REDUCTION IN STRUCTURAL PARTS**

  - THERMOCOMP™ DFZ22P compound, HVAC Blower Housing, Dimensional stability, Impact performance
  - VERTON™ RV00CESS compound, Seatbelt Tensioner Housing, Weight, Strength, Impact and ductile failure
- FLAME RETARDANCY (FR)**

  - LEXAN™ EXL9330 resin, EV Charger housing, Outdoor aesthetics, FR, low temperature ductility
  - VALOX™ 357XU resin, EV Charger Connectors, Outdoor aesthetics, Chemical & Electrical performance
- THERMAL CONDUCTIVITY AND HEAT MANAGEMENT**

  - KONDUIT™ PX13322 compound, PCB holder, Heat dissipation, Electrical isolative, Thin wall FR
- ELECTRICAL CONDUCTIVITY, ESD PROTECTION**

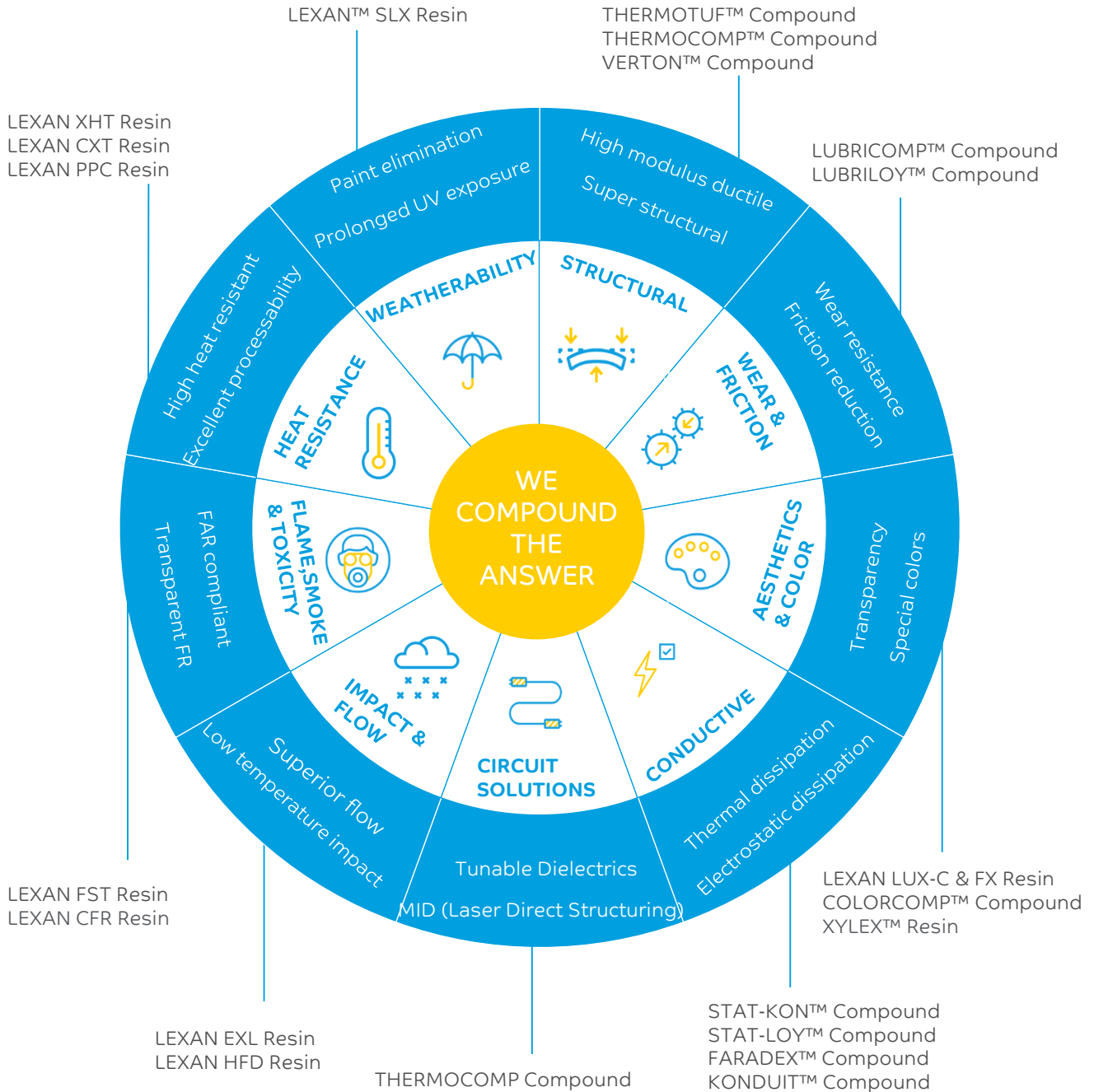
  - STAT-KON™ KD000EI compound, Fuel filling system, ESD protection, Chemical resistance
- EMI/RFI SHIELDING**

  - FARADDEX™ DS0036I compound, Sensor housing, Reliable functioning of sensor, Impact resistance
- WEAR AND FRICTION, NOISE (NVH)**

  - LUBRICOMP™ UFL36 compound, Throttle system, Low wear, Low weight, Temperature resistance
  - LUBRILLOY™ RX05497 compound, HVAC Actuator, Low wear, Low noise, no tool modification required

# SPECIALTY COMPOUNDS & LEXAN™ COPOLYMER RESINS

Over 50 years of innovation in thermoplastic compounding enables SABIC's specialty compounds to offer extensive materials with a broad portfolio.



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