



FORMERRA: Materials for Advanced Mobility

From autonomous driving to electric vehicles, elevated connectivity and more, the future of advanced mobility is an exciting vision. Plastics can help bring enhanced vehicle designs into reality, helping achieve key objectives such as heat and wear resistance, durability, and thermal stability to protect sensitive electronic components and sensors.

Formerra is dedicated to supporting transportation customers and various advanced mobility application needs with our comprehensive materials portfolio of polymers, colorants and additives. We are also available to assist in navigating complex advanced mobility application designs through collaboration with our supplier technical and design teams.



TYPICAL ADVANCED MOBILITY APPLICATIONS

- Semiconductors
- Sensors on body panels, bumpers, grilles
- Light Detection & Ranging (LIDAR)
- Cameras
- ADAS components
- Connectivity/infotainment
- Flexible interiors
- Electric vehicles/charging stations
- Batteries, battery packaging
- Propulsion systems
- Shared mobility
- Telematics & intelligent traffic controls
- Transportation grid/infrastructure
- Crash absorbers

COMMON ADVANCED MOBILITY APPLICATION NEEDS

- High heat resistance
- High wear resistance
- Excellent durability
- High impact resistance
- Good chemical resistance
- Thermal stability
- Multi-material joining
- Anti-microbial/self-cleaning/low-odor
- High optical purity

FORMERRA MATERIAL SOLUTIONS FOR ADVANCED MOBILITY APPLICATIONS

| SUPPLIER | CHEMISTRY | BRANDS |
|-------------------|---|---|
| Avient | Specialty Formulations | Complēt™, ECCOH, Maxxam™ FR, OnForce™ Stat-Tech™, Surround™, Therma-Tech™ |
| Covestro | HH PC, PC, PC+ABS, PC+ASA, PC+PBT, PC+PET, PC+SAN, PC+TPU, TPU Polyester, TPU Polyether | Apec®, Bayblend®, Makroblend®, Makrolon®, Texin® |
| DuPont | Acetal (POM), PA 6, PA 612, PA 66, PA 66/6 Copolymer, PA 66/6T Copolymer, PBT, PET, PPA, TPC-ET | Crastin®, Delrin®, Hytel®, Rynite®, Zytel®, Zytel® HTN |
| INVISTA | PP Copolymer | INVISTA™ |
| INEOS Styrolution | ABS, ABS/PC, ASA, ASA/PC, PA/ABS, SMMA | Lustran®, Luran® S, NAS® XC, Novodur®, Terblend® |
| Pinnacle Polymers | PP Copolymer | Pinnacle PP |
| RheTech, Inc. | PP Compounds, TPO Compounds, Bio-Fiber Reinforced TPO | RheComp, RheVision |
| Trinseo | Acrylic (PMMA) | Plexiglas® |

The trademarks and brand names referenced in the chart above are owned by the suppliers set forth across from such trademarks and brand names.

We are here to support you in critical ways:

- Wide range of polymer solutions from top material suppliers, including specialty formulations and masterbatch solutions from Avient
- Best-in-class technical support
- Supply chain expertise



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