AUTOMOTIVE SOLUTIONS

ENGINEERED POLYMERS
ELASTOMERS
ADVANCED COMPOSITES
COLORANTS

ADDITIVES
PLASTISOLS
VINYL POWDERS
DESIGN & COLOR SERVICES
SOLVING YOUR TOUGHEST CHALLENGES

No matter what short- or long-term challenges you face—improving performance and design, shifting to electrification, reducing weight, lowering emissions, and more—Avient’s industry knowledge, proven expertise, and a comprehensive portfolio of specialized and sustainable materials can help you solve them.

Our global team is here to accelerate development and part approvals, supporting you with:

- Materials that meet over 500 automotive polymer OEM specifications
- More than 14,000 color and additive approvals for OEM specifications, including more than 2,000 UL94-registered concentrates and pre-colors
- Advanced design and color expertise

PORTFOLIO HIGHLIGHTS
Specialized polymers and composites
- Thermoplastic Elastomers
- Recycled and Bio-based Thermoplastic Elastomers
- Long Fiber Reinforced Formulations
- Thermally Conductive Formulations
- Static Dissipative, Electrically Conductive, and EMI/RFI Shielding Formulations
- Pre-Colored Thermoplastics for Premium Finishes
- Engineered Polymer Formulations
- Continuous Fiber Tapes & Laminates

Colorants, additives, and plastisols
- Solid & Liquid Colorants (special effects & bio-based)
- Colorant and Additive Concentrates
- Functional and Performance Additives (UV, FR, antimicrobial, and more)
- Liquid Additives
- Chemical Foaming and Nucleating Agents
- High-Temperature Concentrates
- Silicone Dispersions
- Vinyl Powders and Plastisols

Design & Color Services
- Avient Design
- ColorWorks™ Design & Technology Centers

ENABLING SUSTAINABILITY
We are committed to helping you be more sustainable, and our advanced materials aim to support your commitments and meet industry demands.
UNDERHOOD
Air Management
Fuel Systems
Filters/Cleaners
Engines/Power train
Fans & Shrouds
Engine & Cam Covers
Fluid Reservoirs
Sealing Systems
Wire & Cable and Connectors
Battery Systems & Supports
EV Battery Systems
Sensors/Controls/Actuators
Turbo/Super Chargers
Control Modules/Valves
Gears & Hoses
HVAC Systems
Sealing Systems
Electrical Control Units

BODY & STRUCTURAL
Front & Rear End Modules
Door Modules
Fender/Jumpers
Underbody Shielding
Energy Management
Carriers/Bolsters
Radiator Supports
Wiper Supports
Roof Systems
Frames
Door Intrusion Systems
Sealing Systems
Trunks/Frunks

INTERIOR
Instrument Panels
Door Panels
Hard Trim
Pillars
Steering Wheels
Floor Mats
HVAC Systems
Gear Shift Knob & Boot
Visor Core
Door Handles
Sealing Systems
Seats & Belts
Pedals
Flooring
Wire & Cable and Connectors
Sensors/Controls/Actuators
Lighting
Airbags & Safety Systems
Electrical Control Units
Head-Up Displays

EXTERIOR
ADAS Housing
Exterior Trim
Mirror housings
Sealing Systems
Lighting
LED Lighting
Wheel Covers
Running Boards/Step Bars
Roof Racks
Door Handles
Fuel Doors
Cowl Panels
Radar Sensors
Camera Housings
Water Management

ADVANCED MOBILITY & ALTERNATIVE POWER
We can help rise to the challenge of increased connectivity, advanced driver-assistance systems (ADAS), electric vehicles (EV) and charging infrastructure/electric vehicle supply equipment (EVSE), 5G compatibility, and more.

UNDERHOOD
We offer a broad array of polymers with unique thermally conductive and electrically conductive properties.

BODY & STRUCTURAL
We work directly with design and engineering teams to solve structural challenges and create unique visual effects and aesthetics.

INTERIOR
Our polymers, additives and colorants help you to improve performance, aesthetics, and durability. Our low VOC/FOG TPEs for interiors keep you on top of VIAQ standards.

EXTERIOR
Move over metal... our material and colorant solutions enable you to replace metal and paint while improving miles per gallon or per charge.
At Avient, we understand what you value and put our deep knowledge of polymers, formulations, and polymer processing to work for you. We offer manufacturing and support services around the globe to make it possible for you to develop and build nearly any part you create. We exist to help you solve challenges, improve sustainability, and compete more effectively. In short, our end-to-end solutions and initiatives have a single goal, to help you win.

- **Faster approvals** - Our full portfolio of materials with automotive direct and indirect specifications and approvals accelerate time to market.

- **Design support** - From part design to mold flow analysis, our design team has the know-how and the tools to work with part designers to create solutions that perform beyond expectations.

- **Greater productivity** - Our highly experienced application development teams help you with tool design recommendations, processing assistance, and troubleshooting to boost your productivity.

- **Color collaboration design services** - Working with you at the earliest stages of development, our experts offer ideas, inspiration and technical guidance on colors for plastics so you can integrate high-impact concepts early to save time and money.
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