

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.



Lightweighting



Reduced Energy Use



VOC Reduction



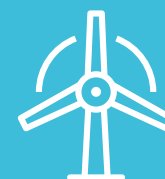
Recycle Solutions



Bio-polymers



Eco-conscious



Sustainable Infrastructure



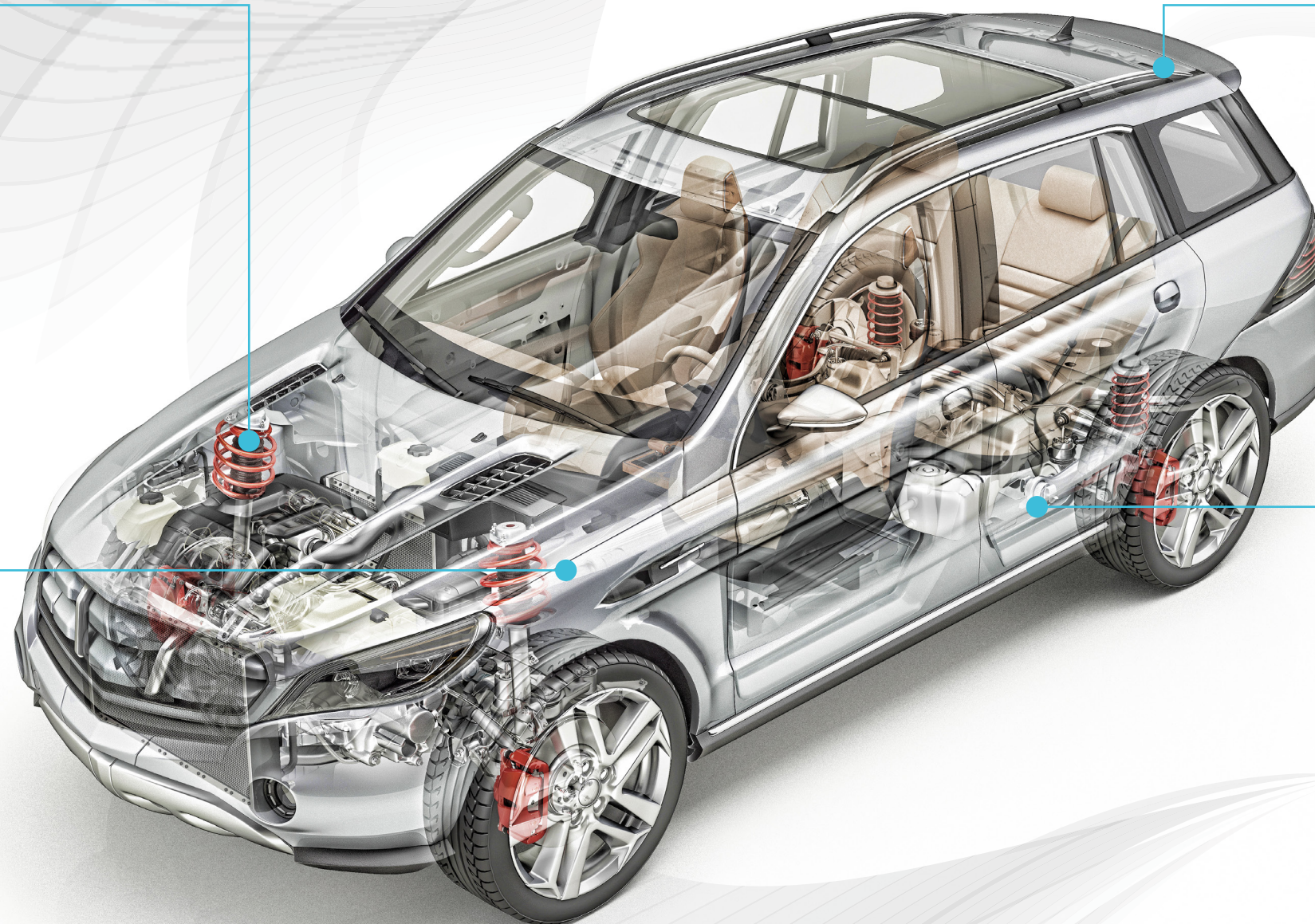
Human Health & Safety

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
- Electrical Control Units

BODY & STRUCTURAL

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



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

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

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

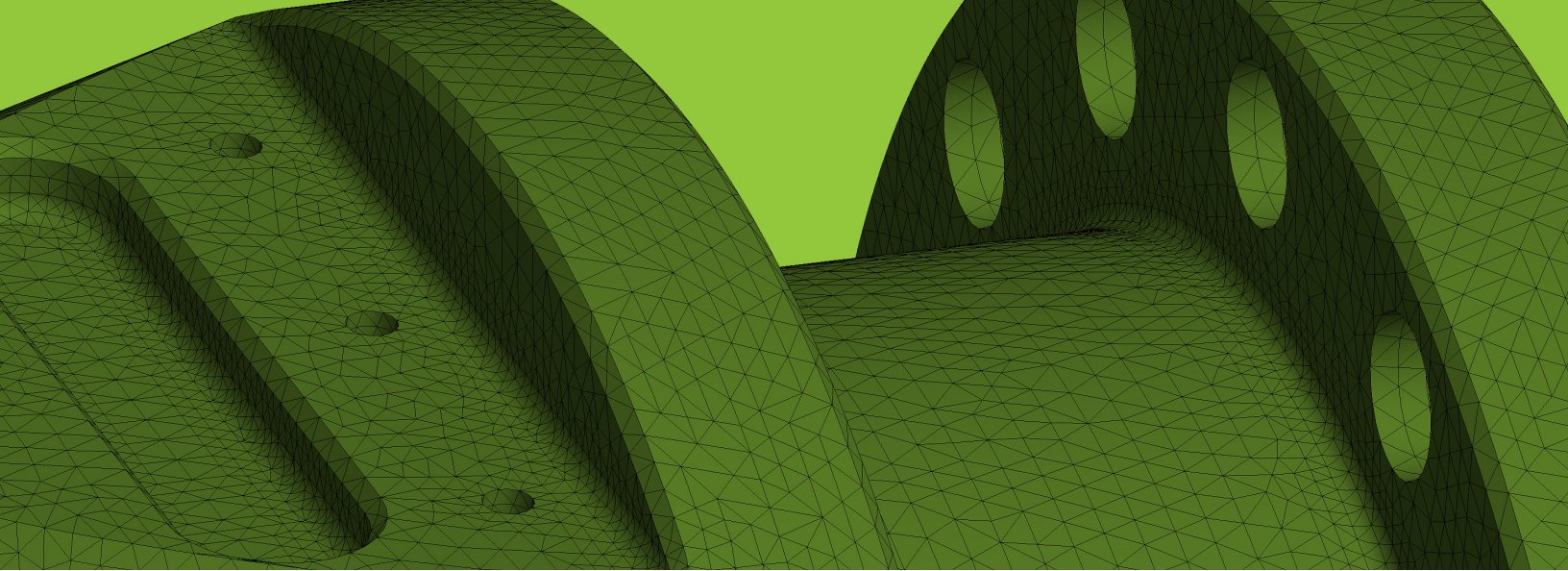
Our polymers, additives and colorants help you to improve performance, aesthetics, and durability. Our low VOC/FOG TPEs for interiors keep you on top of VIAQ standards.

EXTERIOR

Move over metal... our material and colorant solutions enable you to replace metal and paint while improving miles per gallon or per charge.

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.



DRIVING INNOVATION AND VALUE

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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