

A close-up, low-angle shot of the front of a dark-colored car. The image highlights the headlight, the front grille, and a multi-spoke alloy wheel. The lighting is dramatic, with strong highlights and shadows that emphasize the car's sleek design.

## AVIENT DISTRIBUTION: Materials for Exterior Applications

Plastics aid exterior automotive components by maintaining aesthetic appeal and functionality over time. Easily processed, plastics can form complex shapes, continue to perform despite wear and tear and exposure to various weather climates, and can duplicate color and finish for a uniform look.

Avient Distribution is dedicated to supporting transportation customers and various exterior application needs with our comprehensive materials portfolio of polymers, colorants and additives. Our technical and design teams are also available to assist in navigating complex exterior application designs.

### TYPICAL EXTERIOR APPLICATIONS

- Bumpers/fascias
- Front grilles
- Hoods
- Liftgates
- Windows
- Doors
- Cladding
- Mirrors
- Wheel covers
- Roof trim
- Exterior trim
- Emblems
- Truck bed liners
- Rocker panels
- Gears/bushes/cams/bearings
- Cameras/sensors/LIDAR
- Pillar covers

### COMMON EXTERIOR NEEDS

- High heat resistance
- High wear resistance
- Excellent durability
- High impact resistance
- Good chemical resistance
- Thermal stability



## AVIENT DISTRIBUTION MATERIAL SOLUTIONS FOR EXTERIOR APPLICATIONS

SUPPLIER	CHEMISTRY	BRANDS
Arkema	PEBA-Ether, PVDF	Kynar®, Kynar® Flex®, Pebax®
Avient	Color, Additives & Inks, PA 6, PA 66, Specialty Formulations, TPE	Complēt™, Hydrocerol™, LubriOne™, Nymax™, Nymax™ PIR, OnColor™, OnFlex™, OnForce™, Renol™, Smartbatch™, Smartbatch™ FX
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 66, PA 66/6 Copolymer, TPC-ET	Delrin®, Hytel®, Zytel®
INVISTA	PP Copolymer	INVISTA™
GEON Performance Solutions	PP Compounds, TPO Compounds	GEON®
INEOS Styrolution	ABS, ASA, PC+ABS, PC+ASA, SMMA	Luran® S, Luran® SC, Lustran®, NAS XC® UV, Novodur®, Terluran®
LyondellBasell	ASA, ASA+AES, ASA+TPE, PP Alloy, PP Compounds, PP Copolymer, TPO (POE)	Adflex®, Centrex®, Hifax®, Hostacom®, Pro-fax®
Pinnacle Polymers	PP Copolymer	Pinnacle PP
RheTech, Inc.	PP Compounds, TPO Compounds	RheComp
Trinseo	ABS, Acrylic (PMMA), PC, PC+ABS, PP, PS	CALIBRE™, CALIBRE™ MEGARAD™, EMERGE™, INSPIRE™, IR STYRON™, MAGNUM™, Plexiglas®, PULSE™

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
- In-house product development/design support



**avientnow.com**

**1.844.4AVIENT**  
**www.avient.com**



**YouTube**



Copyright © 2022, Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as “typical” or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient’s products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.