



## AVIENT DISTRIBUTION: Materials for Lighting Applications

This design and rendering was produced by Avient Design for conceptual purposes.

Lighting features across various transportation modes are critical components for improving vehicle safety, increasing consumer convenience and—in recent years—adding interior ambience and boosting comfort for an enhanced passenger experience.

Avient Distribution is dedicated to supporting transportation customers and various lighting 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 lighting application designs.

### TYPICAL LIGHTING APPLICATIONS

- Head/fog lamp
- Map/dome lighting
- Rear combination lamp
- Turn signal/parking lamp
- Styling lenses (interior/exterior)
- License plate lamp
- Camera coverings/brackets
- Cornering lamp
- High mounted stop lamp
- Reflex reflector
- Hazard lamp
- Display/instrument cluster lenses
- Housings
- Heat sinks
- Signature lighting
- Various lamp parts

### COMMON LIGHTING APPLICATION NEEDS

- Excellent light transmission
- Optimal optical clarity
- Outstanding weatherability
- Excellent scratch resistance
- Excellent heat management and conductivity



## AVIENT DISTRIBUTION MATERIAL SOLUTIONS FOR LIGHTING APPLICATIONS

SUPPLIER	CHEMISTRY	BRANDS
Arkema	PVDF	Kynar®, Kynar® Flex®
Avient	Specialty Formulations	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 66, PA 66/6 Copolymer, PBT, PET	Crastin®, Delrin®, Rynite®, Zytel®
GEON Performance Solutions	PP Compounds	GEON®
INEOS Styrolution	ABS, ASA, PC+ABS, SMMA	Luran® S, Lustran®, NAS® XC, NAS XC® UV, Novodur®
LyondellBasell	PP Compounds, PP Copolymer	Hostacom®
RheTech, Inc.	PP Compounds, TPO Compounds	RheComp
Trinseo	Acrylic (PMMA), PC, PC+ABS, PC+PET	CALIBRE™, CALIBRE™ MEGARAD™, EMERGE™, Plexiglas®, Plexiglas® Frosted, Plexiglas® Reflect™, PULSE™

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### 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



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