

Automotive Applications and Materials

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Whether you need support with light weighting, color fastness, recyclability, or process optimization, we can help you find the ideal product.





Expect more from your plastics distributor to help you accelerate your automotive manufacturing needs.

Whether it's material specification, part design, troubleshooting and review, PPAP assistance or manufacturing tests, we can help you tackle your automotive requirements. Nexeo Plastics does more for manufacturers of automotive parts by supporting their work with exterior, interior, under the hood, lighting and other vehicle applications. Our dedicated team of automotive professionals is ready to accelerate your efforts.

Let Nexeo Plastics' deep partnerships with world-class suppliers, advanced technical expertise, customized supply chain solutions and industry leading private fleet help unlock potential and improve productivity for your business.

- **Lightweighting**
- **Recyclability**
- **Dry Blending**
- **Cost Reduction**
- **Reduced VOCs**

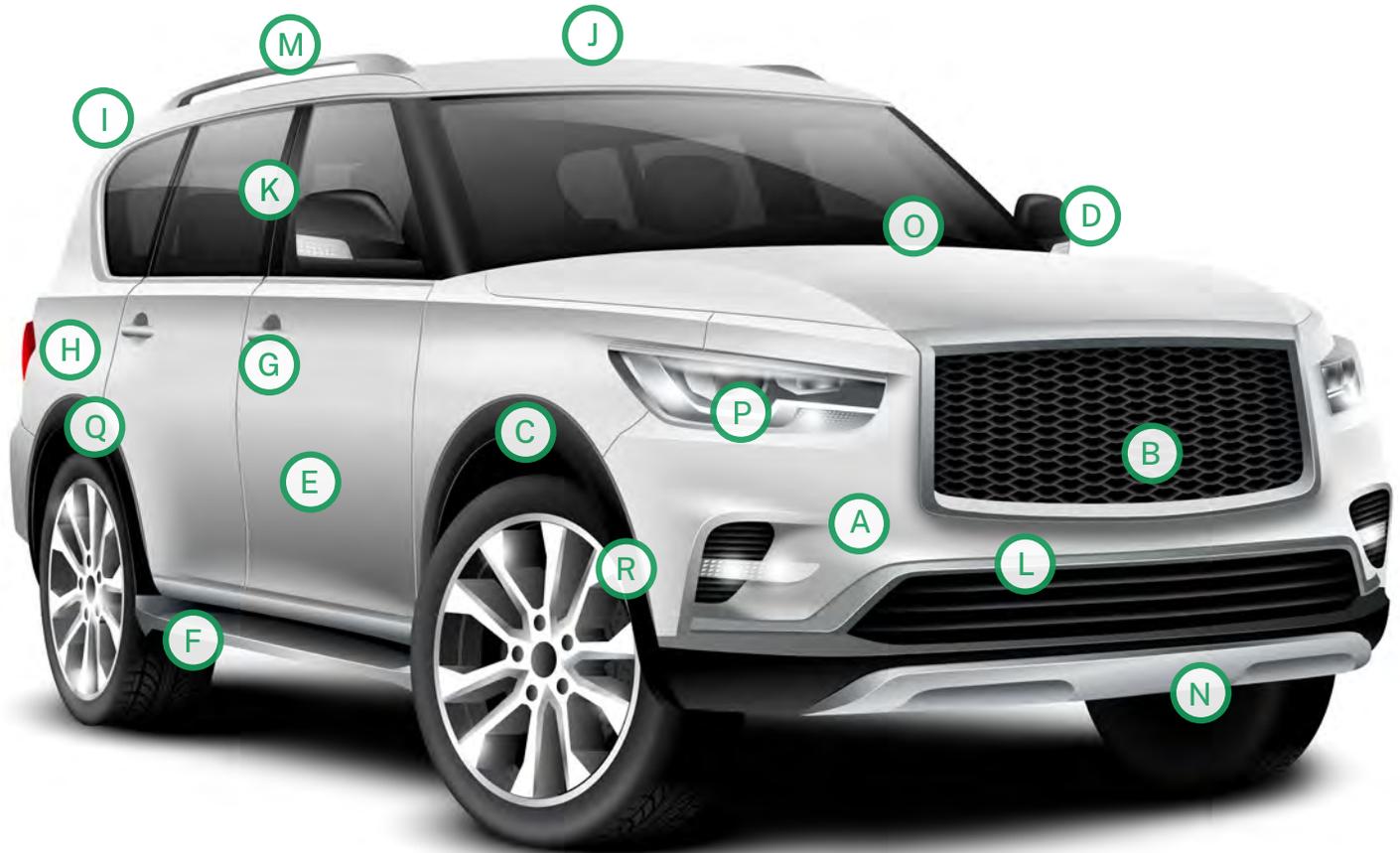
Expect More.

More
Resources

More
Products

More Real-Time
Information

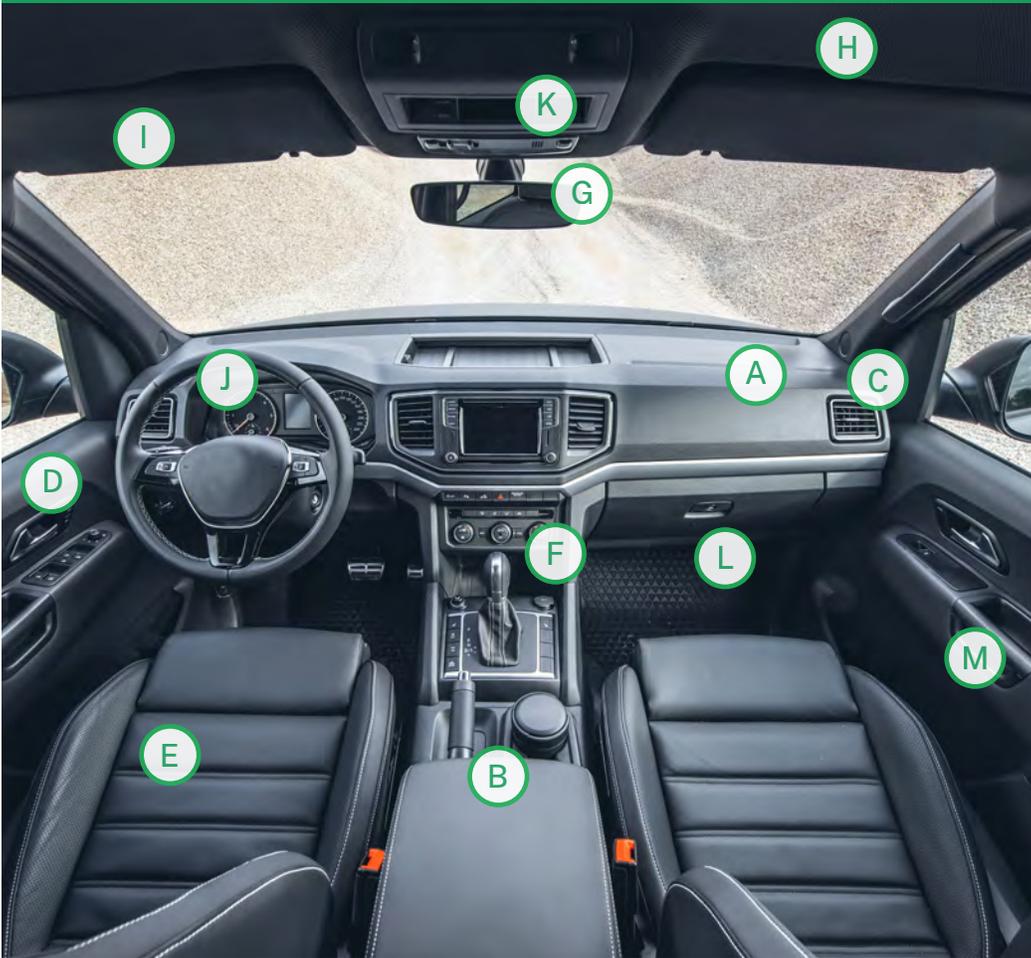
Advanced Materials and Technical Expertise to Drive Innovation



Exterior

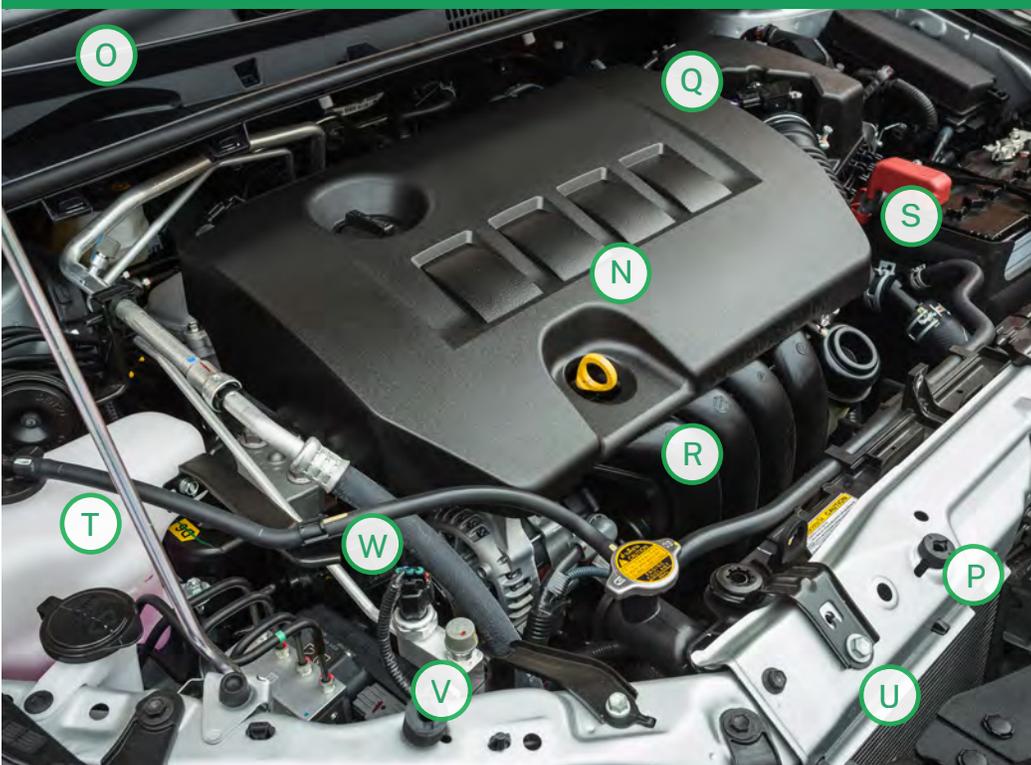
- A Bumper**
PP, TPO
- B Grille**
ABS, PC + ABS, PC, ASA
- C Fender**
PPE + PA
- D Mirror**
PP Compound, Nylon, ABS, PC + ABS, PC, ASA
- E Body Side Moldings**
PP, PP Compound
- F Rocker Panel, Step Bar and Step Pad**
PP, PP Compound, TPV
- G Door Handle**
PP Compound, PC + ABS, Nylon
- H Gas Tank, EV Charge Flap**
Nylon, PC, Polyester
- I Spoiler**
PC + ABS, ABS, ASA
- J Antenna**
PC + ABS, ABS, ASA
- K Door Pillars**
PC + ABS, ABS, ASA
- L Trim**
PC + ABS, ABS, ASA
- M Roof Rails, Racks**
PP Compound, Nylon, TPV
- N Air Guides, Dams**
PP Compound, TPO, TPV
- O Wiper Systems**
TPV, TPE
- P Headlights, Tail Lights**
PC, PMMA, PBT, PP Compound, TPV, TPE, TPC
- Q Air Suspension**
TPC, Specialty Nylon
- R CVJ Boots**
TPC

Interior



- A Instrument Panel**
PP, TPO, PC + ABS, ABS
- B Center Console**
PP Compound, PA, TPV
- C Trim**
ASA, ABS, PC + ABS, Nylon,
PC, TPO
- D Door Panel**
PP, TPO
- E Seat**
PP, PP Compound, Nylon,
POM, TPE, TPO, TPV, TPC
- F Shifter**
PP Compound, Nylon,
PC + ABS, ABS, ASA
- G Mirror**
PC + ABS, ABS
- H Headliner**
EVA
- I Sun Visor**
ABS, PC + ABS
- J Instrument Cluster**
PMMA, ABS, PC + ABS, PC
- K Roof Console**
PC + ABS, ABS, Nylon,
PP Compound
- L Mats, Cup Holders**
TPV, TPE, TPC
- M Handles, Grips**
PC + ABS, ABS

Under the Hood



- N Engine Cover, Transmission**
Nylon, PP, PP Compound
- O Cowl Vent**
PP Compound, TPV
- P FEM, GOR**
PP Compound, Nylon
- Q HVAC**
PP, PP Compound, TPV, TPE,
Nylon, TPC
- R Air Intakes, Air Ducts**
PP, PP Compound, TPV, TPE,
TPC, Nylon, Specialty Nylon
- S Battery**
PP, PP Compound
- T Reservoirs, Bottles**
PP, PP Compound, PE
- U Fans, Shrouds**
PP, PP Compound, Nylon
- V Plugs, Bumpers and Grommets**
TPV, TPE, TPC
- W Wire & Cabling, Sensors, Electrical**
Specialty Nylon, TPC

Polymer Family	Manufacturer
Acetal (POM)	BASF
Acrylic (PMMA)	Plaskolite, Röhm
Acrylonitrile-Butadiene-Styrene (ABS)	SABIC, Nexeo Plastics
Acrylonitrile-Styrene-Acrylate (ASA)	SABIC
Additives	Uniform Color
Alloys - ASA+PC	SABIC
Alloys - PBT + PET	LANXESS, SABIC
Alloys - PC+ABS	SABIC
Alloys - Polyester + ASA	BASF, LANXESS
Alloys - Polyester + PC	LANXESS, SABIC
Alloys - PEI+PCE	SABIC
Alloys - PPE+PA	SABIC
Alloys - PPE+PS	SABIC
Alloys - TPU+PC	Covestro
Color Concentrates	Uniform Color
Compounded Products	LyondellBasell, RheTech, SABIC, Washington Penn Plastic
Ethylene-Vinyl Acetate (EVA)	LyondellBasell
Ionomer (EMAA Copolymer)	Americhem Engineered Compounds
Nylon (PA)	BASF, DSM, LANXESS, MOCOM, RheTech, SABIC
Plastomer	ExxonMobil, SABIC
Polycarbonate (PC)	SABIC
Polyesters - Clear	Eastman
Polyesters (PBT, PET)	BASF, DSM, LANXESS, SABIC
Polyetherimide (PEI)	SABIC
Polyethylene (PE)	ExxonMobil, LyondellBasell, Nexeo Plastics
Polyethylene-Green	Braskem
Polyimide (PI)	SABIC
Polymer Modifiers	ExxonMobil
Polyphenylene Sulfide (PPS)	DSM, Solvay
Polyphthalamide (PPA)	DSM, Solvay
Polypropylene (PP)	Braskem, INVISTA, LyondellBasell, Nexeo Plastics
Polystyrene (PS)	INEOS Styrolution, Nexeo Plastics
Polysulfone (PES, PPSU, PSU)	BASF
Specialty Nylon (PA 4/6)	DSM
Specialty Plastic Compounds	Americhem Engineered Compounds, SABIC, Techmer PM
Styrene-Butadiene Copolymer (SBC)	INEOS Styrolution
Thermoplastic Copolyester (TPC)	DSM
Thermoplastic Elastomers (TPE)	Nexeo Plastics
Thermoplastic Olefins (TPO)	LyondellBasell, RheTech, SABIC, Washington Penn Plastic
Thermoplastic Polyurethane (TPU)	Covestro
Thermoplastic Vulcanizate (TPV)	Celanese

Nexeo Plastics
1780 Hughes Landing Blvd
Suite 1000
The Woodlands, TX 77380 USA
nexeoplastics.com

To Place Your Order:
P: 833.446.3936
getplastics@nexeoplastics.com

For Technical Questions:
P: 866.430.9666
techconnect@nexeoplastics.com

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