



Outdoor High-Performance
Powersports Supplier Line Card

MATERIAL
SOLUTIONS
**DRIVING
THE FUTURE**



Solid, Trusted, Proven

Off-road, on-road, on the trails or on the water, your customers envision a world with no boundaries. To deliver on this spirit of adventure, your vehicles must surpass any design boundaries. With an unnumbered list of challenges you face on a daily basis, now more than ever, it is important to find quick, innovative, sustainable, and reliable solutions to these problems. With Formerra's unparalleled industry knowledge, supply chain excellence, and best-fit material approach, you can leverage decades of experience to help design the next generation of Powersports vehicles that go way beyond.



Our Suppliers



Work. Play. Everything In Between.

A popular saying goes “rules are meant to be broken” and nowhere is that more apparent than in the increasing popularity for Powersports vehicles; there’s something captivating about being able to travel on terrain that is typically out of bounds for traditional vehicles. From off-road enthusiasts to ranchers and farmers, there’s a vehicle that can take the customer to where they want to be. But it isn’t just the customers who are looking to break the rules, Powersports vehicle manufacturers are looking to do the same for their designs. The rugged build and high performance of these vehicles are now being complemented with new breakthroughs in engine and wire harness technology to create an even more extreme experience or provide the utility necessary to support a livelihood. Whether it’s replacing metal parts with a thermoplastic solution in order to make



the vehicle lighter, reinventing a popular model with bold new looks or distinct colors, incorporating environmentally friendly materials into traditional components, or even radically reimagining a vehicle to include electric or hybrid models, Formerra can help Powersports OEMs and their suppliers to challenge the norm. With an expansive material portfolio and reliable supply chain helping to simplify the process, Formerra is your partner to help take your customers wherever they want to go.

EXTERIOR

Primary Selection Criteria:
Impact Resistance
Solutions: Polypropylene,
High Density Polyethylene,
TPO, ASA, Custom Nylons,
PC/ABS

INTERIOR

Primary Selection Criteria:
Impact Resistance/
Aesthetics
Solutions:
Polypropylene, Glass-Filled
Polypropylene, HDPE, ABS,
PC/ABS, ASA,
Nylons, TPE

ELECTRICAL (WIRING & LIGHTING)

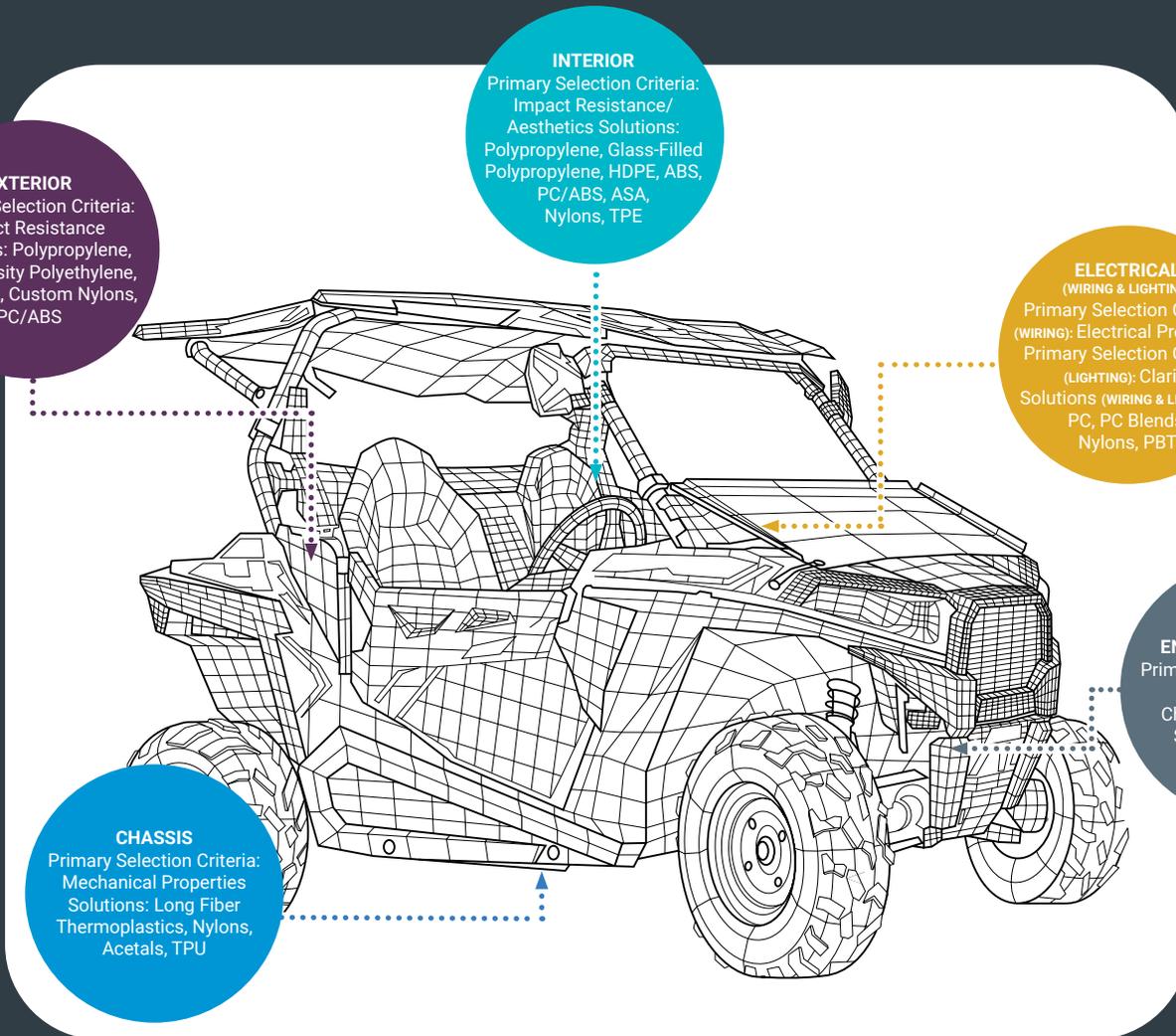
Primary Selection Criteria
(WIRING): Electrical Properties
Primary Selection Criteria
(LIGHTING): Clarity
Solutions (WIRING & LIGHTING):
PC, PC Blends,
Nylons, PBT

CHASSIS

Primary Selection Criteria:
Mechanical Properties
Solutions: Long Fiber
Thermoplastics, Nylons,
Acetals, TPU

ENGINE ENCLOSURE

Primary Selection Criteria:
Temperature and
Chemical Resistance
Solutions: Nylons,
PBT, PET



By Chemistry

FOCUS APPLICATIONS

Product Family	Supplier	Product Name	Interior	Exterior	Electrical	Chassis	Engine Enclosure
Acetal (POM)	DuPont	Delrin®	x	x	x	x	
Acrylonitrile Butadiene Styrene (ABS)	INEOS Styrolution	Lustran®, Novodur®, Terluran®	x		x		
ABS Blends	INEOS Styrolution	Terblend® N, Triax®			x		
Acrylonitrile Styrene Acrylate (ASA)	INEOS Styrolution	Luran®S	x	x			
	LyondellBassell	Centrex®	x	x			
ASA Blends	INEOS Styrolution	Terblend®S	x	x			
	LyondellBassell	Centrex®	x	x			
Bio-Fiber Reinforced Thermoplastic Polyolefin (TPO)	RheTech, Inc.	RheVision	x	x			
	The Plastics Group of America	Polifil	x	x			
Colorants, Additives & Inks	Avient	OnColor™	x	x			
High Density Polyethylene (HDPE) Compounds	Chevron Phillips	Marlex®	x	x			
	Dow	DOWLEX®	x	x			
	LyondellBassell	Alathon®, Petrothene®, Purell®	x	x			
Nylon (PA 6, PA 66, PA 66/6, PA 66/6T)	Avient	Nymax™	x	x	x		x
	Celanese	Zytel®	x	x	x		x
	Nylene	Nylene	x	x	x		x
Polycarbonate (PC) & PC Blends (PC+ABS, PC+ASA, PC+SAN, PC+PBT, PC+PET, PC+TPU)	Covestro	Bayblend®, Makroblend®, Makrolon® Texin®	x	x	x		
High Heat Polycarbonate (HHPC)	Covestro	Apec®			x		
Polyethylene Terephthalate (PBT)	Celanese	Crastin®			x		x
Polybutylene Terephthalate (PET)	Celanese	Rynite®			x		x
Polypropylene (PP) & PP Blends (Alloy, Compounds, Copolymer)	INEOS Olefins & Polymers	INEOS®	x	x			
	INVISTA	INVISTA®	x	x			
	LyondellBassell	Hifax®, Hostacom®, Pro-Fax®	x	x			
	Pinnacle Polymers	Pinnacle PP	x	x			
	GEON Performance Solutions	GEON®	x	x			
	RheTech, Inc.	RheComp	x	x			
	The Plastics Group of America	Polifil	x	x			
Specialty Formulations	Avient	Therma-Tech™, Stat-Tech™, Complēt™, Edgetek™	x	x	x	x	x
Styrene Methyl Methacrylate (SMMA)	INEOS Styrolution	NAS® XC, NAS® XC UV			x		
Thermoplastic Polyester Elastomer (TPC-ET)	Celanese	Hytrel®		x	x	x	
Thermoplastic Polyolefin (TPO) Compounds	GEON Performance Solutions	GEON®	x	x			
	RheTech, Inc.	RheComp	x	x			
Thermoplastic Elastomer (TPE)	Avient	Dynaflex™, Versalloy™, Versolan™, OnFlex™, Versaflex™	x				
Thermoplastic Polyolefin Elastomer (TPO (POE))	LyondellBassell	Adflex®, Hifax®, Hostacom®		x			
Thermoplastic Polyurethane (TPU) Polyester/Polyether	Covestro	Texin®, Desmopan®				x	

By Supplier

FOCUS APPLICATIONS

Supplier	Chemistry	Brands	Interior	Exterior	Electrical	Chassis	Engine Enclosure
 AVIENT	PA 6, PA 66, Specialty Formulations, TPE, Color, Additives & Ink	Dynaflex™, Versalloy™, Versolan™, Nymax™, Nymax™ PIR, OnColor™, OnFlex™, Versaflex™, Therma-Tech™, Stat-Tech™, Complēt™, Edgetek™	x	x	x	x	x
 Celanese <small>The chemistry inside innovation™</small>	PA 6, PA 66, PA66/6 Copolymer, PA 66/6T Copolymer	Zytel®, Crastin®, Hytrel®, Rynite®, Delrin®	x	x	x	x	x
 Chevron Phillips CHEMICAL	HDPE	Marlex®	x	x			
 covestro	PC+ABS, HH PC, PC, PC+ASA, PC+SAN, PC+TPU, TPU Polyester, TPU Polyether	Bayblend®, Apec®, Makroblend®, Makrolon®, Texin®, Desmopan®	x	x	x	x	
 Dow	HDPE	DOWLEX®	x	x			
 DUPONT	Acetal (POM)	Delrin®	x	x	x	x	
 GEON <small>Performance Solutions</small>	PP Compounds, TPO Compounds	GEON®	x	x			
 INEOS Olefins & Polymers USA	PP Copolymer	INEOS®	x	x			
 INEOS STYROLUTION	ABS, ASA	Luran®S, Lustran®, NAS®XC, NAS XC® UV, Novodur®, Terblend® N, Terblend® S, Terluran®, Triax®	x	x	x		
 INVISTA <small>POLYPROPYLENE</small>	PP Copolymer	INVISTA™	x	x			
 lyondellbasell	ASA, PP Copolymer, PP Compounds, TPO (POE)	Adflex®, Centrex®, Hifax®, Hostacom®, Pro-fax®	x	x			
 Nylene	PA 6, PA 66, PA 66/6	Nylene	x	x	x		x
 Pinnacle Polymers	PP Copolymer	Pinnacle PP	x	x			
 RheTech <small>A HEXPOL COMPANY</small>	PP Compounds, TPO Compounds, Bio-Fiber Reinforced TPO	RheComp, RheVision	x	x			
 THE PLASTICS GROUP OF AMERICA	PP Compounds, TPO Compounds, Bio-Fiber Reinforced TPO	Polifil	x	x			

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