

Proud to Represent Over 30 Years of Plastic Distribution & Technical Resources

800-920-8033

GP-Materials.com

PARTNER HIGHLIGHT







Niche Polymer is amongst the leading compounders of engineering resins, alloys, and other thermoplastic materials. Our facility operates out of Ravenswood, WV and provides a full range of product development and processing services. We are equipped to compound any customer formulation regardless of size, complexity or, delivery requirement. Our facility encompasses over 400,000 sq feet of production and

warehousing area, as well as silo storage facilities. The Ravenswood facility is strategically located to support our customers throughout the midwest, south, and east coast.

With over 30 years of experience, **Niche Polymer** continually invest in the most up-to-date equipment and keep current with the latest industry trends and technology. We have a wide range of capabilities in twin-screw and single-screw extruders including our two newly installed twin-screw extruders. This expansion provides us with greater flexibility and service capability and allows us to better meet our customers' needs for high-performance engineering resins and the increased demand for unique compounding projects





•PA6, PA66, PBT, PC, PET, PP, PPC, PPH

Products with specialized additives for high performance applications

Poli**XL**®



•ABS, PA6, PA612, PA66, PBT, PC, PCABS, PET, PP, PPC, PPH

Our Standard product line. Suitable for Automotive & a variety of other applications

Poli**PIR**®



•ABS, ASA, PPA, PA6, PA612, PA66, PBT, PC, PCABS, PCASA, PET, POMH, PPC, PPE/PS, PPH, TPEO, TPS, TPV

Post-Industrial products with up to 100% recycled content, aimed to add social and environmental value

Poli**SP**®



•TPEE, TPO, TPS, TPV

Soft Polymers for applications that require flexibility and resilience

We help interesting companies create and improve industry products and services through long lasting relationships.

COMPOUNDING ABILITIES

Glass, talc, mica, clay, wollastonite filled compounds

Elastomer-polyolefin blends

Reactive extrusion

Blends and alloys

Solvent/monomer extraction

Liquid injection of additives Foaming agent concentrates

Cross-linkable materials

Adhesives

Highly filled (70-75%) concentrates-talc, calcium carbonate, mica, antimony oxide

Polypropylene black compounded (PP)

Polystyrene black compounded (HIPS)

Nylon black compounded (PA)

Polycarbonate black compounded (PC)

PCABS black compounded (PCABS)

ABS black compounded (ABS)

ISO9001:2015



PoliXL+

The best of the best.

The most durable applications require materials that can perform under difficult conditions. PoliXL+ is manufactured with the same parameters as our standard PoliXL product line, however specialized additive packages are coupled with these products to provide specific advantages such as; UV Resistance, the ability to withstand heat and humidity exposure for extended periods of time, higher impact or

tensile strengths, and faster molding cycle times.

•PA6, PA66, PBT, PC, PET, PP, PPC, PPH

UV

UV Resistance

Hydrolysis Resista

High Impact

FR Flame Retardant



PoliPIR

Recycled content doesn't compromise quality.

PoliPIR is the direct result of extensive sustainability efforts. There is a growing need to introduce post industrial recycling waste back into a reusable form. We have fine tuned the art of blending post industrial waste into a homogenous form that can be combined with our PoliXL feedstock. While 10-30% increments are the most common we have produced products with as high as 100% PIR Content. These materials have gained automotive approvals and have been the subject of numerous case studies in the plastics engineering forum. Our approach is simple; manufacture everything like it is your flagship product and you will always make the best possible result.

Headlamp Housing
PoliPIR PPHTF-3400
40% Talc Fiberglass Reinforced

Vapor Canister
PoliPIR PPCGF-3150
15% Fiberglass Reinforced, Chemically
Coupled

Fender Liner
PoliPIR PPCNB-3150
PPC, 15 Melt Index, No Break, Black







An Amazing Value.

PoliXL is our standard product line that is chemically comparable to producer grade resin at a much more attractive price point. This line has several automotive approvals with Tier 1 and Tier 2 molder support. Through lean manufacturing practices, a strategic raw material procurement network, Kaizen feedstock preparation, and direct sales to customer, we are able to bring this cost savings to the end user.



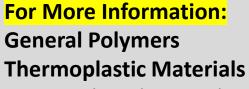
We can be flexible.

The SP product line offers a wide variety of TPE, TPEE, TPES, and TPV materials. Whether it's chemical resistance, specific durometer, colorability, temperature resistance, or overmolding, our flexible polymer line is able to suit a wide range of applications. Offering products based on both EPDM and SEBS chemistry we can find the right product for your application. Our product range stretches from a hardness of 30A to 90A offered in both blacks and naturals to meet you needs.



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EV Battery Eletrical Connector

30% Fiberglass Reinforced, FR

PoliXL+ PBTGF30NFR

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