



PARTNER HIGHLIGHT



Enviroplas is a global provider of customized engineered resins. Our experienced and dedicated team of engineers works closely with customers around the world to develop highly innovative **engineering solutions** for use in a diverse range of products from home appliances to automotive to U.S. military applications, among many others. **ENVIROPLAS** resin has been the material of choice for custom polycarbonates and polycarbonate alloys since 1993. Our experienced and dedicated team of engineers specializes in custom polymer and color formulations that provide raw materials to processors for: ***Injection Molding *Blow Molding *Extrusion *Rotomolding**

ENVIROPLAS CORE PRODUCT LINES

ABOUT OUR PRODUCTS

ENVIROPLAS® PC

ENVIROLOY® PC/ABS

ENVIRON® PBT & PC/ PBT

ENVIROSUN® ASA & PC/ASA

ENVIROPLAS® ABS

ENVIROPLAS® PEI



Polycarbonate

Transparent, Flame Retardant, Light Diffusion, Color Expertise
...let us customize a Polycarbonate product for you.

**Polycarbonate Alloys
(PC/ABS, PC/PBT, PC/ASA)**

Alloy blend resins offer excellent combinations of mechanical and thermal properties. Toughness, easy processing, dimensional stability, general-purpose, flame-retardant, glass-fiber-reinforced, and structural foam grades.



PBT, ASA, ABS and PEI

Injection molding and extrusion grades of thermoplastic engineering resins ...let us design a grade for your application.

MANUFACTURING OPERATIONS



Utilizing both **single screw and twin-screw technology** to optimize product quality and consistency, our production lines are versatile for rapid change-over and flexible to handle complex material blends and alloys.

Enviroplas is more than a resin manufacturer. We are an **engineering resin solutions company**.

Enviroplas is an ISO 9001:2015 certified company and has a fully-equipped Quality Assurance and Material Testing laboratory. The laboratories capabilities of a wide range of physical property testing along with its highly trained and skilled technical staff play a major role by monitoring and maintaining a continual focus on outputting compliant, high-quality products. Our production and product development activities are supported by injection molding equipment capable of providing test specimens for a very wide range of mechanical and analytical test methods, each of which helps ensure end use product performance. Our small compounding lines for product development

We also provide: FDA compliant products, REACH compliant products, UL listed products, environmentally-friendly products and recycled products.

PC Polycarbonate

NAME	DESCRIPTION	EQUIVALENTS
ENVIROPLAS® 11-NC720	Non-halogenated/non-brominated flame retardant with light diffusion effective performance	Lexan® LUX 9616
ENVIROPLAS® 12-NC140	Flame retardant, excellent for thick parts without sinks	Lexan® 940
ENVIROPLAS® 14-NC190	Flame retardant, UV stabilized, high impact	Lexan® EXL 9330
ENVIROPLAS® 14-NC810	Non-halogenated/non-brominated flame retardant, high impact PC, UL (F1) UV	Lexan® EXL 9134
ENVIROPLAS® 13-NC150	10% Fiberglass, foamable, non-hal/non-brom flame retardant	Lexan® FL900
ENVIROPLAS® 13-NC160	10% Fiberglass, foamable, flame retardant, high heat resistance	Lexan® FL910
ENVIROPLAS® 13-NC170	10% Fiberglass, foamable, flame retardant, black	Lexan® 500
ENVIROPLAS® 13-NC180	20% Fiberglass, high heat resistance, increased toughness	Lexan® 3412R, 3412CR, Emerge® PC 8702-5
ENVIROPLAS® 13-NC240	5% Fiberglass, foamable, non-hal/non-brom flame retardant	Makrolon® SF800

PC/PBT Polycarbonate/Polybutylene Terephthalate

NAME	DESCRIPTION	EQUIVALENTS
ENVIRON® 39-NC410	Low temperature impact and chemical resistance, UV stabilized	Xenoy® 5220U, Makroblend® UT6007, Pocan® C 1202
ENVIRON® 39-NC420	Excellent low temperature impact, UV stabilized	Xenoy® 5720U, Samsung® Infino AE-3060, Makroblend® KU 2-7912/4
ENVIRON® 39-NC800	Impact modified for low temperature impact resistance, good chemical resistance	Xenoy® 1103, Makroblend® KU 2-7912/4, Pocan® C 1202
ENVIRON® 39-NC450	Flame retardant, impact modified	Valox® 357
ENVIRON® 39-NC480	7.5% Fiberglass, foamable, good chemical and heat resistance	Valox® FV649
ENVIRON® 39-NC490	7.5% Fiberglass, foamable, flame retardant, UV stabilized	Valox® FV699
ENVIRON® 39-NC500	30% Fiberglass, low warpage, excellent mechanical strength	Valox® 508, Pocan® KU 1-7635 POS 151
ENVIRON® 39-NC510	30% Fiberglass, flame retardant, improved toughness	Valox® 553

ASA and PC/ASA Acrylonitrile Styrene Acrylate and Polycarbonate/Acrylonitrile Styrene Acrylate

NAME	DESCRIPTION	EQUIVALENTS
ENVIROSUN® 31-NC070	High flow, high impact resistance, superior weather resistance	Samsung® WR-9300HF
ENVIROSUN® 31-NC080	High flow, high impact resistance, superior weather resistance	Samsung® WR-9120
ENVIROSUN® 31-NC730	Outdoor UV stabilized	Samsung® Starex WR-9160
ENVIROSUN® 32-NC090	High heat and impact resistance, good weatherability	Geloy® 4034
ENVIROSUN® 32-NC780	Flame retardant, high impact resistance, good weatherability	Geloy® HRA222F

PEI and PSU Polyether Imide and Polysulfone

NAME	DESCRIPTION	EQUIVALENTS
ENVIROPLAS® 17-NC020	Flame retardant, excellent thermal performance	Ultem® 1000 PEI
ENVIROPLAS® 17-NC040	10% Fiberglass, flame retardant, high strength and stiffness	Ultem® 2100 PEI
ENVIROPLAS® 17-NC050	20% Fiberglass, flame retardant, high mechanical strength	Ultem® 2200 PEI
ENVIROPLAS® 17-NC060	30% Fiberglass, flame retardant, high mechanical strength	Ultem® 2300 PEI
ENVIROPLAS® 17-NC840	20% Glass bead, low moisture absorption	LNP Lubricomp® EB004
ENVIROPLAS® 42-NC740	20% Fiberglass, high flow polyetherimide/PC blend with internal mold release.	Ultem® ATX102R
ENVIROPLAS® 48-NC570	High-strength, for continuous high temperature use, highly resistant to mineral acids, alkali and salt solutions	Solvay® P-1700
ENVIROPLAS® 49-NC750	20% Fiberglass, high flow polysulfone/PC blend with internal mold release.	Polysulfone Alloy to Replace Ultem® ATX102R

PBT and PET Polybutylene Terephthalate and Polyethylene Terephthalate

NAME	DESCRIPTION	EQUIVALENTS
ENVIRON® 07-NC520	33% Fiberglass, impact modified, chemical and heat resistance	Valox® 430
ENVIRON® 08-NC460	30% Fiberglass, flame retardant, good chemical resistance	Valox® 420SE0
ENVIRON® 08-NC470	30% Fiberglass, good chemical and high heat resistance	Valox® 420
ENVIRON® 08-NC600	Unreinforced, easy flow, fast cycling	Crastin® 6131, Ultradur® B2550, Celanex® 2003
ENVIRON® 08-NC610	Unreinforced, medium viscosity for extrusion and injection molding	Crastin® 6134
ENVIRON® 08-NC620	General purpose, unreinforced, improved processability	Valox® 325, Celanex® 2002, Toraycon® 1401-X06, Arnite® T06-202
ENVIRON® 08-NC640	General purpose	Valox® 305, Toraycon® 1100S, Tribit® PB1500, Lupox® GP-2000
ENVIRON® 08-NC770	30% Fiberglass, easy flow, rigid, tough, and dimensionally stable	BASF Ultradur® B 4300 G6, Celanex® 5300-2, Crastin® SK605
ENVIROLEX™ 22-NC760	Copolyester (glycol modified polyethylene terephthalate)	Eastman® Eastar 5011
ENVIROLEX™ 24-NC850	Copolyester, BPA free, high impact toughness	Eastman® Tritan TX-1001



PC/ABS Polycarbonate/Acrylonitrile Butadiene Styrene

NAME	DESCRIPTION
ENVIROLOY® 15-NC250	High impact resistance
ENVIROLOY® 15-NC260	High flow, heat stabilized, hydrolytically stable
ENVIROLOY® 15-NC360	Non-halogenated/non-brominated flame retardant
ENVIROLOY® 15-NC380	Non-hal/non-brom flame retardant, high flow
ENVIROLOY® 15-NC390	Non-hal/non-brom flame retardant, good heat resistance
ENVIROLOY® 15-NC540	20% Fiberglass, excellent stiffness and processability
ENVIROBOTICS® 15-NC580	Used in medical and hospital applications
ENVIROLOY® 16-NC280	Low gloss, UV stabilized, automotive trim applications

ABS Acrylonitrile Butadiene Styrene

NAME	DESCRIPTION
ENVIROPLAS® 00-NC010	Plating grade, gray, excellent adhesion
ENVIROPLAS® 00-NC550	10% Fiberglass, good stiffness and processability
ENVIROPLAS® 00-NC670	5% Fiberglass, injection molding
ENVIROPLAS® 00-NC680	10% Fiberglass, good stiffness, and processability
ENVIROPLAS® 00-NC690	20% Fiberglass, good stiffness, and processability
ENVIROPLAS® 00-NC700	Flame retardant, excellent processability
ENVIROPLAS® 01-NC560	Transparent, high clarity, excellent processability, BPA free

SUSTAINABILITY



At Enviroplas our specialized solutions are designed with environmental sustainability in mind. We thrive on helping companies **reduce waste** by designing a reprocessing (reuse) program to help your business consume less prime resin. Our **custom polymers** can be made from your own renewable sources of material (recycled), ultimately returning less plastic to the environment.

For More Information:

General Polymers
Thermoplastic Materials
 6841 North Rochester Rd.
 STE 1A
 Rochester Hills, MI 48306
 Local: 248-812-1858

info@gp-materials.com

GP-Materials.com



GP
GENERAL POLYMERS
 THERMOPLASTIC MATERIALS
800-920-8033