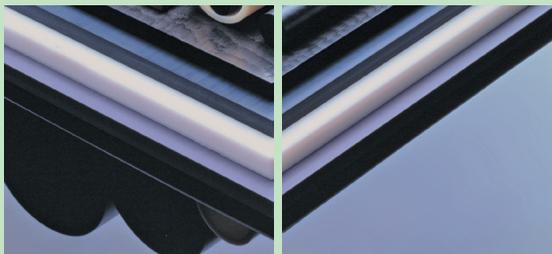
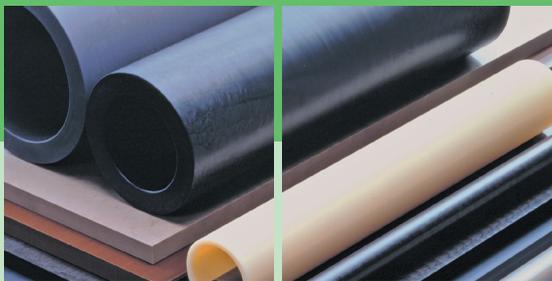
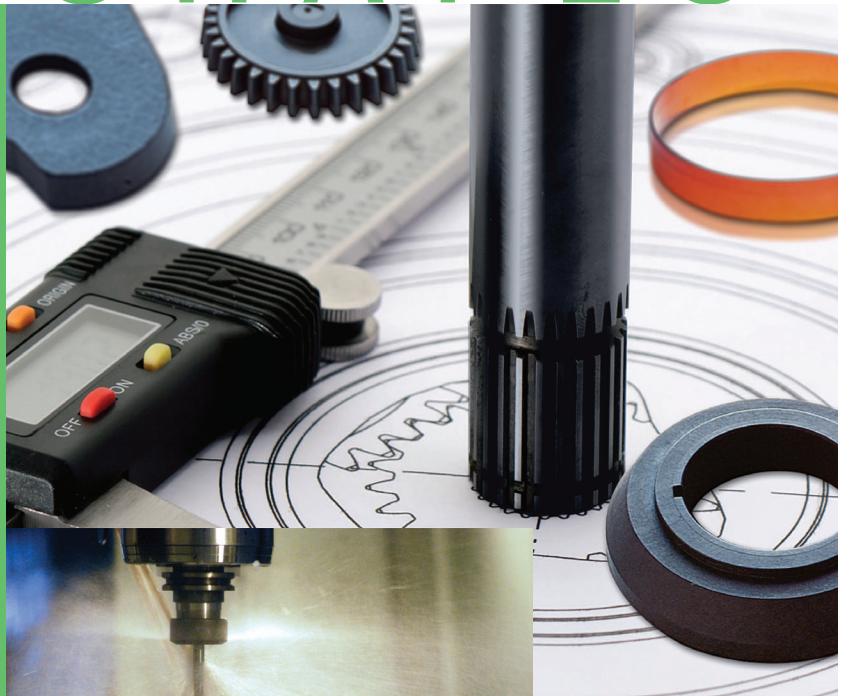


Plastic SHAPES

for **Machining**



ThyssenKrupp Materials NA
AlN Plastics Division



ThyssenKrupp

The 'AIN Advantage'

If you machine plastic shapes, you owe it to yourself to check into the superior service you get from the plastics experts at the AIN Plastics Division of ThyssenKrupp Materials NA.

AIN Plastics is a distributor of materials from the world's leading manufacturers including: Quadrant EPP, Ensinger-Hyde, DuPont, Gehr Plastics, and many others. As a distributor we maintain extensive inventories at locations all across the United States making shipping to you fast, easy, and cost effective.

As the experts, we understand the value of quality. Each order you place will be accompanied by a certificate of conformance. We also have full lot traceability. Our staff is on hand to assist with any questions you may have regarding selection or use of materials.

Sizes, Shapes, and Service!

You need it we have it -

- Large diameter rod
- Oversize sheet, rod, and tube
- Thick gauge sheet
- Application and machining assistance
- Custom cutting to close tolerances

AIN Plastics offers customized inventory solutions including just-in-time shipping. Stock materials ship within 24 hours to machine shop customers.

Value-Added Processing Capabilities

AIN Plastics offers machine shop and fabrication customers a complete array of primary processing options to save you time and money. Take advantage of these value added services and our extensive experience.

Custom Cutting

Our precision sawing services utilize state of the art SCM panel saws. Our cutting professionals are trained to provide close tolerance, square cuts that maximize yields.

Precision Sanding, Planing Centerless Guiding

Our capabilities allow you to specify a custom thickness for many materials including phenolic!

Authentic DuPont™ Vespel®

AIN Plastics is your **Authorized Distributor** for the following grades of Authentic DuPont™ Vespel® shapes in the form of rod, plaque, disks, and balls from an extensive inventory of sizes.

- SP1** Unfilled Polyimide
- SP - 21** 15% Graphite Filled
- SP - 22** 40% Graphite Filled
- SP - 211** 15% Graphite and 10% Teflon Filled
- SP - 3** 15% MoS₂ Filled
- SP - 202** Electrically Conductive Grade
- SCP - 5000** Unfilled Copolymer Polyimide
- SCP - 50094** Graphite Filled Copolymer
- SCP - 5050** High Graphite Filled

Look for the Label

Authentic™ Vespel® shapes purchased from AIN Plastics will be labeled with a genuine tamper-evident and serialized label and accompanied by an official DuPont Certificate of Conformance.



Standard Products for Machining

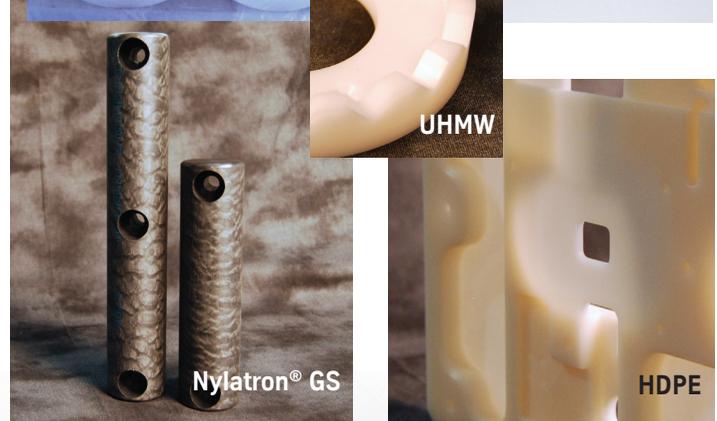
General Purpose Engineering Plastics

Acetal - AIN carries a full line of Acetron® GP products that are low stress and porosity free for the best machining.

ABS	Delrin®	Delrin® 150	Delrin® AF
Celcon®	Ertalyte®	Hydex®	Nylatron®
Noryl®	PET	PPO	
PTFE	Polyurethane	PTFE	
UHMW	Polycarbonate - machine grade		

TIVAR® products (TIVAR® 88, HOT, Uniblend and more)

Nylon - Type 6 cast, Type 6/6 extruded, or filled with MDS, glass, or oil: sheet, rod, or tube. AIN has it!



High Performance Engineering Plastics

FEF	Fluorosint®	Ketron®	PEEK HPV
PAI	PBI	PEEK	
PEI	PPS	PPSU	
PSU	Radel®	Ryton®	
Techtron® HPV	Torlon®	Ultem®	
DuPont™ Vespel®	Semitron® static dissipative materials		



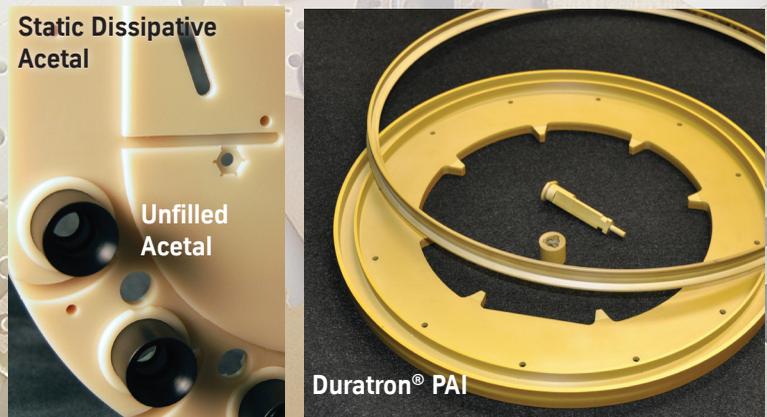
High Pressure Laminates

We carry an extensive line of laminated materials and glass-filled structural shapes including:

Phenolics in canvas, paper, and electrical grades

Copper Clad	CE
Composites	Extren® Shapes
G-10/FR4, G-11	G-9, G-5
GPO materials	LE
Micarta	XX and XXX

Ask about our custom cutting and sanding of phenolic materials. AIN can do it!



Polyolifins and Corrosive Environment Materials

AIN offers a variety of materials for difficult chemical applications in valves, chemical processing equipment, and tank fabrication.

Special orders and formulations are also available.

HDPE	PTFE	Kynar®
LDPE	Polypropylene	PVC
CPVC	PVDF	



Toll Free: 1.877.246.7700 • www.ainplastics.com

Additional Products

Epoxy, Resins, and Casting Materials	Light Louvers	Acrylic sheet
Tooling and Modeling Boards and Pastes	Vinyl Strip Curtains	Cleaners and Degreasers
Adhesives	Polycarbonate Sheet	Vinyl Sheet
Teflon Fabrics and Tapes	Solvents and Cements	Threadlockers



Order with Confidence: The AIN Plastics Lot Traceability System

AIN Plastics Lot Traceability System creates a unique number which is assigned to material when it is received into one of our facilities. In the event you need the information you can trust that AIN will have it on hand.

For traceability we keep the following Information:

- Material Manufacturer
- Part Number
- Purchase Order Number
- Lot/Batch Information

Materials are physically tagged with an adhesive sticker which stays with the material all the way through the order process, ensuring that tags stay with the material right on through shipping and arrival at your facility.

AIN Plastics manufacturer certifications are maintained in our database for easy retrieval at any time giving you peace of mind that every order is fully traceable anytime.

One number is all you need to call for the best names in the plastic shapes industry...

877.246.7700



Bayer Material Science

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