

Materials Services  
Engineered Plastics

# Value Added Capabilities

Engineered Plastics Solutions



thyssenkrupp



## Quality without Compromise

The Quality Management System (QMS) at our Auburn Hills Machine Shop is ISO9001: 2015 and AS9100 certified. Our Quality Control Inspectors utilize the following inspection equipment to ensure quality parts ship to you.

- CMM
- Optical Comparators
- Height Gauges
- Calipers and Gauge Pins
- Profilometer for critical surface finishes
- Other Support Equipment



## What Makes Us Different

- Production quantities
- Complex Shapes
- Tight Tolerance Plastics Components
- Complete Assemblies
- Critical Polished Surface Finishes
- Blanket Order Stocking Programs
- Metal-to-plastic conversion expertise
- FDA Compliant Machined Parts
- Equipment dedicated for finished polymer parts
- Material Selection Assistance for optimal performance and cost efficiency in polymer applications.
- Experienced support to assist in reducing downtime, improving quality and safety and extending part life.
- As a stocking distributor we carry a wide variety of polymer materials from top manufacturers. We offer competitive pricing and delivery turn around.

## Quality without Compromise

### Milling Departments

- (2) Haas VF-6SS (64" X 32" X 30") 5th Axis Capable / 12,000 RPM Spindle  
- Thru Spindle Coolant for Deep Hole Drilling
- (2) Haas VF-4SS (50" X 20" X 25") 5th Axis Capable / 12,000 RPM Spindle
- TM-1 Haas (10" x 30" x 16") 3-AXIS / 6,000 RPM Spindle

### CNC Routers

- Routech Heavy Duty Single Spindle, (60" X 144" X 15") / 15,000 RPM
- Routech with Machining Head 5 interpolating axes (63" x 143") / 18,000 RPM

### Secondary Operations

- Despatch LBB Annealing Oven 36" x 36" x 36"
- Laser Marking / Laser Engraving (Up to 36" x 48" sheets, 1" to 6" thick)

### Turning Departments

- (2) Haas DS-30SSY Lathe with Living Tooling with 3" Thru Spindle
- (2) Haas ST-20SS Lathe with 2" Thru Spindle
- Haas ST-45 with 6" Thru Spindle

### Cutting Departments

- (2) Gabbiani Galaxy 3 Panel Saws (Cuts up to 5" Sheet - 12.5' X 12.5')
- Table Saw (Up to 12" Diameter) and Chop Saw (12")
- Grizzly and Weldon Vertical Band Saws (Up to 24" diameter)
- Omax 160x Waterjet (Up to 120" width - 1/8" to 6" thick)
- Flexible Tube Cutting (0.036" to 0.750" in diameter)



## Engineered Plastics Solutions

### Polymer Materials Expertise:

- General Purpose Engineering Plastics
- High Performance Engineering Plastics
- Corrosive Resistant Materials
- High Pressure Laminates and Composites

### Markets Served include:

- Food Processing
- Medical
- Analytical and Life Sciences
- Power Distribution
- Aerospace
- Transportation
- Semiconductor / Electronics

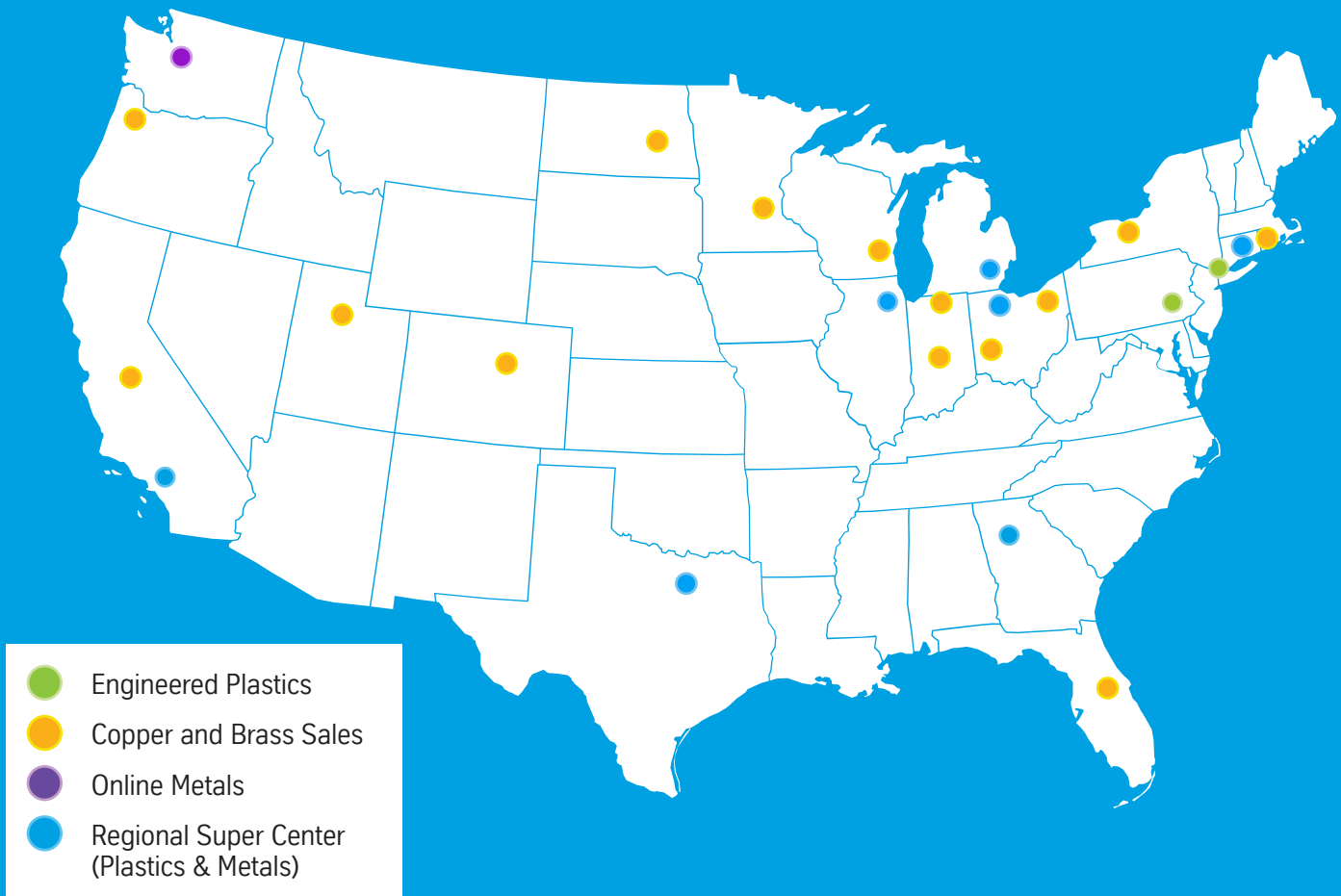
We love questions!



877.246.7700

# Call Us: 877.246.7700

thyssenkrupp Engineered Plastics has multiple strategically placed branch locations throughout the country that feature full inventory and processing capabilities.



## thyssenkrupp Engineered Plastics Strategic Partners



PLASKOLITE



Visit [OnlinePlastics.com](https://OnlinePlastics.com)  
for more information.

AS9100/ISO9001 Location:  
Auburn Hills, MI  
ISO9001 Locations:  
Acworth, GA | Yonkers, NY

ISO 9001:2015 • AS9100D  
CERTIFIED COMPANY

