

Plastics for Semiconductor and Electronics Manufacturing

How plastics can benefit you:

- Static dissipative properties
- Excellent chemical resistance
- Low particle generation in bearing and wear applications
- Low outgassing characteristics
- Low levels of extractables when placed in high purity chemicals
- High temperature capabilities
- Electrical insulating properties
- Dimensional stability



High Performance Materials to Fulfill Your Needs

Curbell Plastics has a wide variety of thermoplastics and composites to meet the demanding performance requirements of the semiconductor industry. We recognize that the materials used in semiconductor equipment must often stand up to extreme environments including corrosive chemicals, vacuum conditions, high temperature, high pressure, and extreme wear while maintaining purity and reliability.

We supply plastic sheet, rod, tube, and film materials for all types of demanding semiconductor applications including chemical tanks, high temperature components, and devices used in the control of static electricity.

Curbell Plastics adds value for our semiconductor equipment customers by working with their engineers and fabricators to identify plastic material options for their applications.

APPLICATIONS:

- Bearings and bushings
- Chemical tanks
- Electrical insulators
- Flexible tubing
- Guards and shields
- Polishing rings
- Spin chucks
- Static control applications
- Test sockets
- Vacuum wand tips
- Valve components
- Wafer handling parts
- Wet benches and work stations

MATERIALS:

- Acetal
- Anti-static, static dissipative, and conductive plastics
- CPVC
- FEP
- Fluoropolymer tubing
- FR polypropylene
- Halar® (ECTFE)
- Kynar® PVDF
- Nylon
- PEEK
- PET
- PFA
- Polycarbonate
- Polypropylene
- Polysulfone
- PPS
- PTFE
- TECATOR™ polyamide-imide
- Ultem®
- Vespel® Polyimide Shapes



Our material partners



Put us to work – for you!™

Curbell Plastics has been supplying plastic sheet, rod, tube, films, adhesives, sealants, tapes, prototyping and tooling materials, and fabricated parts for over 65 years

ALBANY
800.553.0335

CLEVELAND
800.223.2725

FLORIDA
888.388.3417

PHOENIX
800.227.7963

SYRACUSE
800.446.4624

TAPES & FABRICS
888.287.2355

ATLANTA
800.433.9756

COLORADO
866.319.8723

NEW ENGLAND
800.637.2763

PITTSBURGH
800.548.0650

VIRGINIA
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CINCINNATI
800.334.9699

DETROIT
800.354.4798

PHILA & NJ
800.831.2550

ROCHESTER
800.722.2140

WESTERN NY
800.544.1498

CORPORATE OFFICE
716.667.3377



CURBELL PLASTICS, INC.

NATIONWIDE 1.888.CURBELL
www.curbellplastics.com