

CURBELL PLASTICS

Prototyping and Tooling Materials



Prototyping and Tooling Materials to Fulfill Your Needs

Curbell Plastics supplies plastic, sheet, rod, tube, films, adhesives, sealants, tapes, prototyping materials, and fabricated parts to markets nationwide.

With over 65 years of experience, a highly trained staff of plastics professionals, and a full line of plastic materials and related products, Curbell is dedicated to helping you find the best solution for your applications.

We carry a full line of prototyping materials, including:

DSM Somos® SLA Resin

- Master patterns
- Functional parts
- High temperature applications
- Investment casting patterns
- Injection molds

Momentive Silicone Mold Making Materials

- Platinum and tin cures
- High tear strength grades

Plexus® Methacrylate Adhesive for Bonding SLA Parts

- Plexus MA310 - the workhorse of the industry

PTM&W Liquid Casting and Laminating Resins

- For composite tooling, prototypes, and low-unit-volume plastic parts
- Urethanes and epoxies
- Fast-cast materials
- 40 Shore A to 95 Shore D
- Water-clear grade
- High-impact grade

Rampf® Tooling Board

- For molds, patterns, and models
- Densities range from 5lbs/ft³ to over 100lbs/ft³
- Urethane and epoxy
- New high HDT grades
- Matched board adhesives
- Repair pastes



ORDER ONLY WHAT YOU NEED WHEN YOU NEED IT.

Locations nationwide allow us to warehouse material near you.

Curbell's extensive inventory and quick deliveries allow our customers to:

- Minimize in-house inventories
- Reduce the risk of material expiration
- Save on storage space

TYPICAL APPLICATIONS:

Stereolithography (SLA)

Solution: DSM Somos® SLA Resin

Benefits: Fast, accurate 3D models from CAD files

Mold Making

Solution: Momentive 2-Part RTV Silicone

Benefits: High tear strength provides long mold life, even with punishing undercuts

CNC-Machined Models, Master Patterns, and Molds

Solution: Rampf® tooling board

Benefits: Very fine cell structure provides an excellent surface at low density

Cast Plastic Prototypes

Solution: PTM&W liquid urethane and epoxy casting resins

Benefits: Fast, tough, inexpensive prototypes, and low-volume production parts

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

ATLANTA
800.433.9756

COLORADO
866.319.8723

NEW ENGLAND
800.637.2763

PITTSBURGH
800.548.0650

SYRACUSE
800.446.4624

TAPES & FABRICS
888.287.2355

CINCINNATI
800.334.9699

DETROIT
800.354.4798

PHILA & NJ
800.831.2550

ROCHESTER
800.722.2140

VIRGINIA
888.349.8897

FILMS GROUP
888.287.2355

CLEVELAND
800.223.2725

FLORIDA
888.388.3417

PHOENIX
800.227.7963

SEATTLE
800.832.6774

WESTERN NY
800.544.1498

CORPORATE OFFICE
716.667.3377



NATIONWIDE 1.888.CURBELL
www.curbellplastics.com

Curbell's Full Line of Materials

PLASTIC MATERIALS

- ABS
- Acetal
- Acetate film and sheet
- Acrylic
- Acrylic accessories
- Acrylic, impact modified
- Acrylic mirror
- ACRYLITE® acrylic sheet
- Bollard covers
- Calendered vinyl
- Cast acrylic sheet
- Celtec® expanded PVC
- Coextruded colored acrylic
- Conductive engineering plastics
- Coroplast™
- Corner guards
- Delrin®
- Dibond®
- Double patterned acrylic sheet
- DP-32 patterned acrylic sheet
- Duraplast®
- Engraving stock
- Ergonomic/Anti-fatigue matting
- Eslon DC glazing
- ETFE
- Expanded PVC
- Fabbac® mirror
- FEP
- Fiberglass grating
- Flexible tubing
- Fluoroplastics
- FM4910 materials
- Fome-Cor®
- Gatorfoam®
- GatorPlast®
- Glass-filled engineering plastics
- Glastic® thermosets
- Halar® (ECTFE)
- Heat shrink tubing
- High density polyethylene
- HIPS film
- Hydrex® 4101 (PBT)
- InteCel®
- InteClear®
- InteFoam®
- Jetmount®
- Komacel®
- Komadur®
- Komatex®
- KYDEX® thermoplastic sheet
- Kynar® PVDF
- Light diffusing film
- Low density polyethylene
- Makrofol® polycarbonate film
- MAKROLON® HYGARD®
- MAKROLON® polycarbonate sheet
- MAKROLON® 15 polycarbonate sheet
- Marine board
- Medical grade plastics
- Mirror
- Noryl®
- NYCAST® (Nylon)
- NYLOIL® oil filled
- Nylon
- Nylon MD
- NYMETAL™ (Nylon)
- Opti-Sphere™ mirror
- OPTIX® acrylic sheet
- PBT
- PEEK®
- PEEK® bearing grade
- PET
- PETG film and sheet
- PFA
- Phenolic
- Plastic lumber
- Plastic welding rods
- Platforms
- Plexiglas® acrylic
- Plexus®
- Poly II UVA acrylic sheet
- Poly 76 acrylic sheet
- Poly 84 acrylic sheet
- Poly bags
- Polyamide-imide
- Polycarbonate film, sheet, and mirror
- Polycarbonate mirrors
- Polyethylene
- Polyester film
- Polyimide
- Polyphenylene sulfide
- Polyphenylene sulfide, bearing grade
- Polypropylene
- Polystyrene
- Polysulfone
- PPS
- Press polished vinyl
- Printable polyethylene
- Print grade polystyrene
- PTFE
- PVC
- Radel® R
- Reinforced PTFE
- Rexolite®
- Rigid foams
- Rigid PVC film
- RTV silicones
- Ryton® (PPS)
- Scratch resistant vinyl
- See-thru mirror
- Sign grade materials
- Sign vinyl
- Sintra® expanded PVC
- Soft foams
- Solacryl™ UV transmitting sheet
- Starboard®
- Static cling vinyl
- Static dissipative ABS, Acetal, Polycarbonate, Polyetherimide, and PTFE
- Styrene
- TECAFORM™ (Acetal)
- TECAFORM™ HPV-13 (PTFE filled acetal)
- TECAMID™ 6/6 (Nylon)
- TECANAT™ (Polycarbonate)
- TECAPEEK™
- TECAPEEK™, bearing grade
- TECAST VEKTON™ (Nylon)
- TECATOR™ (PAI)
- TECATRON™ (PPS)
- TECATRON™ (PPS), bearing grade
- Thermoset laminates
- Tuffak® polycarbonate sheet
- Twin wall polycarbonate sheet
- UHMW-PE
- Ultem® (PEI)
- Urethane
- UV adhesives
- Vespel® Polyimide Shapes
- Vinyl
- VIVAK HT® PETG
- Welding curtains

PLASTIC FILMS

- Acetate
- Acrylic
- HDPE
- HIPS
- Kynar® PVDF
- LDPE
- Light diffusing film
- Makrofol® polycarbonate film
- Nylon
- PEEK
- PEN
- PETG
- Polycarbonate
- Polyester
- Polyimide
- Polypropylene

- PVC
- UHMW
- Ultem®
- Vinyl (calendered, press polished, pressure sensitive, scratch resistant, sign, and static cling)

PROTOTYPING, MOLDMAKING, AND TOOLING MATERIALS

- DSM Somos® SLA resins
- Momentive silicone mold making materials
- PTM&W liquid casting and laminating urethanes
- PTM&W liquid casting and laminating epoxies
- Rampf® modeling and tooling board
- RTV silicones

ADHESIVES AND SEALANTS

- 3M™ adhesives
- 3M™ tapes
- Aerosols
- Anaerobics
- Bostik®
- Cyanoacrylates
- Dispensing equipment-bulk, cartridge
- Epoxies
- Hot melts
- IPS Weld-on®
- Latexes
- Loctite®
- Methacrylates
- Momentive
- RTV silicones
- Plexus®
- Polyurethane foam
- RTV silicone
- Silicones
- Structural adhesives
- Urethane
- UV adhesives
- 3M™

TAPES, FABRICS, AND BELTS

- 3M™ foam tapes
- 3M™ masking products
- 3M™ MRO tapes
- 3M™ packaging products
- 3M™ transfer tapes
- 3M™ VHB tapes
- Aisle marking tapes,
- Aluminum foil, adhesive backed
- Anti-static UHMW and PTFE coated fiberglass fabric
- Application tape
- ATG transfer tapes
- Carton sealing tape
- Circuit board tapes (polyester, polyimide, fiberglass)
- Copper foil, adhesive backed
- Crepe paper masking tapes
- Differential adhesive tapes
- Double-coated tapes (paper, polyester, polypropylene, scrim, and tissue)
- FEP tapes
- Fiberglass cloth tape
- Filament reinforced strapping tapes
- Flame/plasma spray tapes
- Flat back paper tapes
- Fluorescent cloth duct and gaffers tapes
- Friction tape
- Gaffer tapes
- Glow-in-the-dark, polyester tapes
- Heat sealing tapes
- Kapton® polyimide tape
- Lead foil, adhesive backed
- Litho graphic arts tape
- Magnetic tapes, one face flexible
- Mechanical grade PTFE coated fiberglass fabrics
- Mylar/polyester tapes
- Pipe thread seal (PTFE)
- Pipe wrap tapes, heavy duty SPVC
- Plating tapes, polyester and vinyl
- Polyester splicing tapes
- Polypropylene high clarity label protection/lamination tapes
- PTFE coated fiberglass cloth
- PTFE fabric belts
- PTFE film tapes
- PVC foam tape
- Reflective tapes
- Safety tapes
- Tear/crease resistant PTFE coated fiberglass fabrics
- Transfer tapes
- UHMW tapes
- Very high bond acrylic tapes
- Vinyl (SPVC) tapes
- Vinyl electrical tapes
- Vinyl electroplating tapes
- Vinyl-cloth duct tapes
- Window glazing tapes
- Very high bond
- Vinyl (SPVC)

Our material partners



PLASKOLITE, INC.



For a complete list of addresses, contact information, materials, or to request a quote please visit our website: www.curbellplastics.com



NATIONWIDE
1.888.CURBELL
www.curbellplastics.com

©2011 Curbell Plastics, Inc. All other trademarks and service marks are property of their respective manufacturers. All statements, technical information and recommendations contained in this publication are presented in good faith, based upon tests believed to be reliable and practical field experience. The reader is cautioned, however, that Curbell Plastics, Inc. cannot guarantee the accuracy or completeness of this information, and it is the customer's responsibility to determine the suitability of specific products in any given application.

MAP0458C 0411