



XCENTRIC INJECTION MOLDING



XCENTRIC provides custom injection molding services and collaborative support to bring your concepts to market faster than ever. We specialize in simple to complex geometries, overmolding, insert molding, and tight tolerances. Agile manufacturing services produce prototypes in as few as 5 days and then quickly scale production for low- and high-volume runs. Located and made entirely in the USA with on-site subject matter experts at two Michigan-based facilities. Manufacturability and mold flow analysis available upon request. We offer lifetime mold guarantee. Custom quotes in one business day.

INJECTION MOLDING - In as few as 5 business days



- Made and located entirely in the USA
- Part runs from 25,000
- Simple and complex insert molding
- Simple and complex overmolding
- Internal and external threading
- Up to 1.5 lb. shot size
- Multi-cavity molds
- 55- to 300-ton electric presses
- Parts up to 24" x 24" x 5"
- Custom colors and finishes
- Standard and custom materials
- 40+ stock materials (see reverse)
- Manufacturability and mold flow analysis available upon request

CHOOSE XCENTRIC FOR INJECTION MOLDING, CNC MACHINING, AND RAPID PROTOTYPING

- Founded in 1996
- Production centered in the USA
- Two highly advanced manufacturing facilities
- Innovative and automated technologies with proprietary manufacturing processes
- We focus on the Product Development Cycle from prototyping to production
- Collaborative and consultative service and support to help achieve your design intent
- We assist you in solving simple-to-complex challenges
- All molds are built and run in the USA
- We offer a lifetime guarantee on molds
- Thousands of engineered grade materials available and processed
- Serving all industries including medical, industrial, consumer, aerospace, defense and automotive
- ISO 9001:2015/ITAR/UL



XCENTRIC MATERIAL SELECTION GUIDE

XCENTRIC is pleased to offer a wide selection of standard material in a variety of grades and colors for plastic injection molding.* This is a list of current material we have in stock. If you don't see what you're looking for, or would like assistance choosing the right material for your next project, please contact an Xcentric Application Engineer at **586-598-4636** or **sales@xcentricmold.com**. We're here to help!

MATERIAL FAMILY	MATERIAL GRADE	COLOR
ABS	Starex - Platable Lustran PG298	Gray
ABS	Terluran GP22	Natural
ABS	Terluran GP22	Black
ABS	Lustran 348	Sno-White
ABS	FRA-202 4051	Black
ABS	FRA-202 L80714	White
ABS	FRA-202 L60380	Red
ABS	FRA-202 L31713	Gray
ABS/PC	Bayblend T85XF	Black
ABS/PC	Bayblend T85XF	Natural
ABS/PC	FR3010	Black
ABS/PC	FR3010	Natural
ABS/PC	Bayblend T65XF	Black
ASA	Luran S777K	Natural
COPO	Tritan TX1001	Natural
HDPE	Alathon H6017	Black
HDPE	Alathon H6017	Natural
HIPS	GP Hi Impact Poly Styrene Amsty 478W	Clear
LCP	Vectra A130 or E130i	Black
LDPE	GP Dow 959S	Natural
LDPE	GP Dow 959S	Black
PA	Zytel 101L	Natural
PA	Zytel 101L	Black
PA	Zytel 70G13HS1	Natural
PA	Zytel 70G13HS1	Black
PA	Zytel 70G33HS1L	Natural
PA	Zytel 70G33HS1L	Black
PA	Zytel 77G15L NC010	Natural
PBT	Valox 420SEO	Natural
PBT	Valox 357	Black
PBT/PET	GP? TP-FR-G15	Natural
PC	Markrolon Rx2530-1118	Blue Tint
PC	Markrolon Rx2530-1118	Clear
PC	RX1805-1118	Blue Tint
PC	RX1805-1118	Clear
PC	Makrolon 2407	Clear
PC	Makrolon 2458	Clear
PC	Makrolon 2405	Clear

MATERIAL FAMILY	MATERIAL GRADE	COLOR
PC	Makrolon 2405	Black
PC	Makrolon 6717	Clear
PC/PBT	Xenoy 5220U	Black
PC/PET	UT1018	Black
PC/PET	UT1018	Natural
PEBA	PEBAX 7233	Natural
PEEK	Victrex 450G	Natural
PEI	Ultem 1000 or PEI-GP1	Natural
PET	Rynite 530-BK503	Black
PETG	Eastar 6763 or simialar	Natural
PMMA	Acrylic Clear Plexiglas V825-100	Clear
POM	Delrin 500P	Natural
POM	Delrin 500P	Black
POM	Celcon M90	Natural
POM	Celcon M90	Black
PP	GP 2020	Black
PP	GP	Natural
PP	IPP 2020 (Copolymer)	Natural
PP	Profax 6323	Natural
PPA	Zytel HTN 51G35HSL NC1010	Natural
PPE/PS	Noryl Noryl or PPX? Noryl GFN2	Natural
PPS	Ryton R-4-02? Fortron?	Natural
PS	Total 500W?	Clear
PSU	Udel or Radel GP Udel P-1700	Natural
PVDF	Kynar 720	Natural
Soft PVC	Geon HC 2155	Natural
TPE	Versaflex OM-6258	Black
TPE	Versaflex OM-6240	Black
TPE	Versaflex OM-1060X-1	Black
TPE	Versaflex OM-1040X-1	Black
TPU	Texin 983	Natural
TPU	Texin STX	Natural
TPV	Santoprene 101-35	Black
TPV	Santoprene 101-55	Black
TPV	Santoprene 101-64	Black
TPV	Santoprene 101-80	Black
TPV	Santoprene 201-55	Natural
TPV	Santoprene 201-73	Natural

*This stock material list is current as of December 2020. Inventory of stocked material may fluctuate. Xcentric reserves the right to substitute these materials for an equivalent at any time. Contact Xcentric for details.