

Medical Plastics



Medical Grade / Life Science Grade Plastics

Alro Plastics offers a full line of Medical / Life Science Grade plastics designed for the diverse healthcare industry. These materials have been tested, approved and can be easily certified to meet the medical requirements.

The three most common requirements are USP Class VI, ISO 10993-5 and FDA compliance. With our technology and ability to fully trace all materials we have purchased, Alro Plastics can provide complete lot and batch traceability as well as documented certification to exceed your needs.

We are a stocking distributor for Mitsubishi Chemical Group, Rochling, Ensinger and Westlake Plastics. The following materials are available in Medical / Life Science Grades:



America's Premier Metals & Plastics Service Center



Heat Stabilized Polypropylene

Certifications:

- USP Class VI compliant
- FDA compliant



Polycarbonate - PC

Certifications:

- ASTM D6098 PC 0111
- ASTM D3935 PC 0111
- Natural meets FDA 21 CFR 177.1582
- USP Class VI compliant



Acetal Copolymer - POM Celcon® (Ensinger)

Certifications:

- ASTM D6100
- FDA 21 CFR 177.2470
- USP Class VI & ISO 10993-5 certified



Polysulfone - PSU

Certifications:

- ASTM D6394
- FDA compliant
- USP Class VI, ISO 10993 compliant



Polyetherimide PEI Ultem® (Sabic)

Certifications:

- ASTM D5205
- Meets FDA 210 CFR 177.1595
- USP Class VI, ISO 10993 compliant



Polyphenylene Oxide - PPO Noryl® (Sabic)

Certifications:

- ASTM D4349
- FDA compliant
- ISO 10993 compliant



Polyetheretherketone PEEK

Certifications:

- ASTM D6262
- FDA compliant
- USP Class VI & ISO 10993-5 compliant



Polyphenylsulfone - PPSU Radel® (Solvay)

Certifications:

- ASTM D6394
- FDA compliant
- USP Class VI, ISO 10993 compliant



Alro Plastics
Your Source for Performance Plastics

alro.com



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PRODUCTS

All trademarks listed below are the property of their respective owners.

ABS
Acetal Copolymer
Acetron® GP
Acrylic
Boltaron®
Cast Nylon
Clear PVC
Composolite®
Corrugated
CPVC
Cutting Board
Delrin®
Densetec®
Detectables
DuraDek®
DuraGrate®
DuraGrid®
Duratron®
Ertalyte®
Extren®
Extrusions
EZ-Pro/Durawood
Fiberglass Grating
Foamlite®

Fluorosint®
G10 / FR-4
GPO-3
HDPE
Hydex® 202/301
Hydex® 4101/4101L
Hydlar®
Industrial Laminates
Ketron® PEEK
King ColorCore®
King Hy-Pact®
King StarBoard®
Kynar® PVDF
LDPE
Life Science Grades
LubX® C / CV
MC® 901/MC® 907
Medical Grades
Micarta®
Noryl® PPO
Nyla-Glide GR™
Nylatron®
Nyloil®
Nylon

Optix®
Palight®
Palsun®
PBT
PEEK
PET
PETG
Phenolic
Plexiglas®
Polycarbonate
Polyethylene
Polypropylene
Polystone®
Polystyrene
Polysulfone
PPS
Precision Board Plus
Profiles
Propylux®
Proteus® LF PP
PTFE / TFE
PVC
PVC Foam Sheet
PVDF

Radel®
Repro UHMW
Rubber
SafPlate®
Sanalite®
Semitron®
Sustarin® C
Tecaform®
Tecasint™
Techtron® PPS
TIVAR® 1000
TIVAR® 88

Tooling Board
Torlon® PAI
TUFFAK®
UHMW-PE
Ultem®
Urethane
VHMW-PE
Vivak®
Zelux®



PROCESSING



Panel Saw Cutting
Sheets up to 8" thick



Band Saw Cutting
Rounds up to 18" dia.



Waterjet
Sheets up to 10" thick



Routing
Sheets up to 4" thick



Milling
Pieces up to 6" thick



Welding
Hot Gas & Extrusion

LOCATIONS

DETROIT

1750 E. Heights Drive
Madison Heights, MI 48071
Ph: (800) 877-2576

GRAND RAPIDS

4670 60th SE
Grand Rapids, MI 49512
Ph: (616) 656-2820

JACKSON

2218 Enterprise
Jackson, MI 49204
Ph: (517) 787-5500

CHICAGO

279 Madsen Drive
Suite #102
Bloomington, IL 60108
Ph: (888) 877-2576

CLEARWATER

12171 62nd Street
Suite #150
Largo, FL 33773
Ph: (727) 573-1480

LOUISVILLE

5500 Shepherdsville Rd
Suite #300
Louisville, KY 40228
Ph: (502) 968-9980



alroplastics.com