ChasePlastics®
Redefining Resin Distribution®

YOUR MEDICAL CHOICE

Check out the industry's most comprehensive selection of medically approved specialty and engineering thermoplastic materials.

To help you meet evolving industry demands and improve cost-effectiveness, we stock a wide range of thermoplastics with FDA, United States Pharmacopeia (USP) and ISO 10993 ratings.

Medical Expertise

We have years of experience distributing to processors in medical- and dental-related industries and understand the stringent regulatory and quality standards your products must meet.

CLEAR PRODUCT OFFERING

Manufacturer and trade name	USP VI	ISO 10993	FDA
Evonik Industries TROGAMID® *Care* MX and *Care* MT Transparent Nylon 12	•	•	•
Huntsman IROGRAN® TPU			•
Idemitsu Tarflon® Polycarbonate			•
KRAIBURG Thermolast® M SEBS/SEPS	•	•	•
LG Chem Transparent ABS	•		•
Mitsubishi Engineering Plastics Iupilon® Polycarbonate	•	•	•
Mitsui TPX® PMP Copolymer	•		•
Plaskolite Optix® PMMA/Acrylic	•		•
SK Chemicals Skygreen® PETG	•	•	•
Sylvin Technologies Flexible PVC	•		•

SOFT TOUCH PRODUCT OFFERING

Manufacturer and trade name	USP VI	ISO 10993	FDA
DSM Engineering Plastics Arnitel® COPE	•		•
Evonik Industries VESTAMID® *Care* ME PEBA	•	•	•
Huntsman IROGRAN® TPU			•
KRAIBURG Thermolast® M SEBS/SEPS	•	•	•
Multibase Multiflex® SEBS/TES			•
Sylvin Technologies Flexible PVC	•		•
Teknor Apex Monprene® RG SEBS			•

RIGID/NON-CLEAR PRODUCT OFFERING

Manufacturer and trade name	USP VI	ISO 10993	FDA
Ascend Performance Materials Vydyne® Nylon 6/6			•
Evonik Industries VESTAMID® *Care* ML PA12 and *Care* M30-HT PPA	•	•	•
Evonik Industries VESTAKEEP® *Care* PEEK	•	•	•
DSM Engineering Plastics Akulon® Nylon 6			•
Korea Engineering Plastics Kepital® Acetal Copolymer	•		•
LG Chem ABS	•		•
Solvay Specialty Polymers Ryton® PPS	•		•

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STERILIZATION METHOD

Our expert team has the ability to deliver a material solution that meets your sterilization requirements and exceeds your expectations.

Material Type	Steam (@ 121°C)	EtO (Ethylene Oxide)	Gamma (25kGy) and E-beam
ABS	Not recommended — distorts	OK	OK
ABS (Transparent)	Not recommended — distorts	OK	OK
Acetal (POM – Copolymer)	OK	OK (at room temp)	Not recommended (20kGy upper limit)
Acrylic (PMMA)	Not recommended — distorts	OK	Fair (standard grades may yellow). Special grades available.
Copolyester Elastomer (COPE/TPEE)	OK	OK	OK
Nylons (PA6, PA66, Nylon Copolymers)	OK (may swell slightly)	OK	OK (brownish hue possible)
Nylon 12 – Amorphous	Grade dependent	OK	OK
PETG	Not recommended — distorts	OK	OK
Polycarbonate (PC)	Poor — hydrolytic attack (multiple cycles)	OK	OK (potential reversible color shift)
Polymethylpentene (PMP)	OK	OK	OK
Polyphenylene Sulfide (PPS)	OK	OK	OK
Polyphthalamide (PPA)	OK	OK	OK
Polypropylene (PP)	Not recommended — distorts	OK (may stress crack)	Grade-dependent special stabilizers needed
Polyvinyl Chloride (PVC)	Grade dependent (consult for proper formulations) — rigid vinyl will distort	OK	Special grades available (color corrected, stabilized)
SAN	Not recommended — distorts	OK	OK (mechanically durable @ 200 kGy; color shift at 50 kGy)
Styrenic-Based Thermoplastic Elastomers (SEBS)	Grade dependent	OK	OK
Thermoplastic Polyurethanes (TPU)	Not recommended	OK	OK
Thermoplastic Vulcanizate (TPV)	OK	OK	OK

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