

ENTE^CTEC

IN THE BUSINESS
OF BETTER

YOUR
PROVIDER OF
MEDICAL POLYMER
SOLUTIONS

 **AmSty**

 **Celanese**
The chemistry inside innovation™

CHIMEI
a step up

 **DOW**®

 **EMS**
EMS-GRIVORY

 **ENPLAST**®

INEOS
STYROLUTION

ENTE^CTEC POLYMERS
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Orlando, FL 32810
833.609.5703 | EntecPolymers.com

 **Pinnacle
Polymers**

 **samyang** •  **TRINSEO**™

 **TOPAS**
Advanced Polymers

Providing Resins for Critical Medical Applications

Entec Medical Offerings

Entec Polymers is the largest polymer distributor in North America and a leader in medical resin distribution for over 20 years.

Entec Polymers Medical has been providing commodity, engineering and high-performance resins as well as technical support to the medical and healthcare industry for many years. With our in-depth knowledge of resins, healthcare applications, and the ever-changing regulatory market, we provide our customers the outstanding service and support that they have come to expect for these crucial projects.

Application Assistance

MATERIAL SELECTION

**METAL TO PLASTIC
CONVERSION**

LIGHT WEIGHTING

PART CONSOLIDATION

REGULATORY

**TECHNICAL
DOCUMENTATION**

PRODUCT DEVELOPMENT

**PROCESSING ASSISTANCE &
TROUBLESHOOTING**

Common Medical Applications

Entec partners with the top global resin suppliers in the industry to deliver high-quality medical grade resins. Entec Medical experts will help select the best resin solution for every medical project.



**DURABLE MEDICAL
EQUIPMENT**



**SURGICAL TOOLS &
ROBOTICS**



**SINGLE USE
DISPOSABLES**



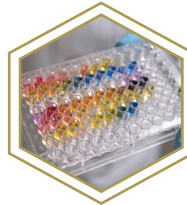
**DRUG DELIVERY
DEVICES**



**MEDICAL
PACKAGING**



**WOUND CARE &
MEDICAL FABRICS**



**LABWARE &
DIAGNOSTICS**



**WEARABLE DEVICES
& CONSUMER HEALTH**



**MEDICAL TUBING &
CONNECTORS**

BRINGING YOUR MEDICAL APPLICATIONS TO LIFE



SUPPLIER	PRODUCT	POLYMER TYPE	USP CLASS VI	ISO 10993-5	GAMMA / E-BEAM	STEAM	ETHYLENE OXIDE
AMSTY	STYRON™	GPPS / HIPS	●		●	●	●
CELANESE	ATEVA® G	EVA	●	●	●		●
CELANESE	CELANEX® MT/ECO-B	PBT	●	●	●	●	●
CELANESE	CRASTIN®	PBT	●	●	●	●	●
CELANESE	FORTRON® MT	PPS	●	●	●	●	●
CELANESE	HOSTAFORM® MT/ECO-B	POM	●	●	●	●	●
CELANESE	VECTRA® MT/ECO-B	LCP	●	●	●	●	●
CELANESE	ZYTEL®	PA / LCPA	●	●	●	●	●
CHIMEI	KIBISAN®	SAN	●	●	●		●
CHIMEI	POLYLAC®	ABS	●	●	●		●
CHIMEI	POLYLAC®	MABS	●	●	●		●
CHIMEI	WONDERLITE®	PC	●	●	●		●
CHIMEI	WONDERLOY®	PC / ABS	●	●	●		●
DOW	AFFINITY™	POP	●	●			
DOW	ATTANE™	ULDPE	●		●		●
DOW	CONTINUUM™	HDPE	●		●		●
DOW	DOW 20 SERIES™	LDPE	●	●			
DOW	DOWLEX™	LLDPE	●	●			
DOW	ELVAX™	EVA	●	●	●		●
DOW	ENGAGE™	POE	●	●	●		●
DOW	HDPE	HDPE	●		●		●
DOW	UNIVAL™	HDPE	●	●	●		●
EMS-GRIVORY	GRILAMID® L	PA 12	●	●	●	●	●
EMS-GRIVORY	GRILAMID® TR	TR PA	●	●	●	●	●
EMS-GRIVORY	GRIVORY® G	PA 6I / 6T	●	●	●	●	●
ENPLAST AMERICAS	ENFLEX® MD	SEBS / SEEPS	●	●	●	●	●
INEOS STYROLUTION	CLEARBLEND®	MBS	●	●	●		●
INEOS STYROLUTION	K-RESIN®	SBC	●	●	●		●
INEOS STYROLUTION	LURAN®	SAN	●	●	●		●
INEOS STYROLUTION	LUSTRAN® ABS	ABS	●	●	●		●
INEOS STYROLUTION	LUSTRAN® SAN	SAN	●	●	●		●
INEOS STYROLUTION	NAS®	SMMA	●	●	●		●
INEOS STYROLUTION	NOVODUR® HD	ABS	●	●	●		●
INEOS STYROLUTION	STYROFLEX®	SBC	●	●	●		●
INEOS STYROLUTION	TERLUX®	MABS	●	●	●		●
INEOS STYROLUTION	ZYLAR®	MBS	●	●	●		●
PINNACLE POLYMERS	POLYPROPYLENE	PP	●	●		●	●
SAMYANG	TRIEX®	PC & Si / PC	●	●	●		●
TOPAS	TOPAS®	COC	●		●		●
TRINSEO	CALIBRE™ MEGARAD	PC	●	●	●		●
TRINSEO	EMERGE™	PC / ABS	●	●	●		●
TRINSEO	EMERGE™	PC / PET	●	●	●		●
TRINSEO	MAGNUM™	ABS	●	●	●		●

* Not all grades meet USP or ISO requirements. Steam: Some grades of PC may be suitable for less than 5 autoclave cycles.



ADVANTAGES OF MEDICAL GRADE POLYMERS

Formulation Control

- No-change agreements for formulation stability, including manufacturing process changes.
- No raw material formulation changes or substitutions allowed unless authorized.

Change Management

- Notification of change a minimum of 12-36 months ahead of time if a change to the product becomes necessary.
- Information is provided about the types of change, the timing of the change and options to manage the change, such as a one-time end-of-life purchase.

Regulatory Support

- FDA Drug Master File containing all data necessary to characterize the material, including specific formulation information available to FDA reviewers.
- Biocompatibility certification and USP Class VI and / or ISO 10993 certification statements for Cytotoxicity, Sensitivity, and Irritation.
- Statements available for RoHS, Latex-free, BPA-free, and conflict mineral free certifications.

Comprehensive Material Solutions for an Evolving Medical Market

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