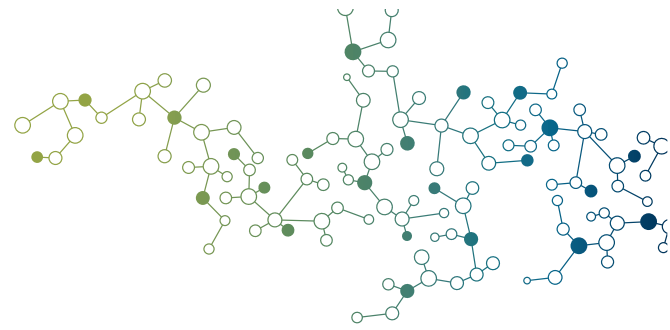


# HEALTHCARE & MEDICAL DEVICES



## SPECIALTY THERMOPLASTIC COMPOUNDS FOR HEALTHCARE APPLICATIONS

### We Offer:

- Full range of biocompatible resins
- Customized material development
- DMF and regulatory support documentation
- Locked formulation and notification of change
- Medical certification compliancy

### Medical Industry Standards

USP  
CLASS VI

ISO  
10993

FDA  
21 CFR

ISO  
13485

## MARKETS & APPLICATIONS

SURGICAL  
INSTRUMENTS

HOUSINGS &  
ENCLOSURES

RESPIRATORY  
DEVICES

PHARMA/DRUG  
DELIVERY  
SYSTEMS

LABWARE &  
DIAGNOSTIC  
EQUIPMENT

CATHETERS  
& TUBING

### Material Benefits:

- Clear, tinted and opaque pre-colored compounds
- Blends and alloys provide chemical and impact resistance
- Flexible TPEs for instrument overmold to ensure anti-slippage
- Gamma stable compounds for reduced color shift
- Radiopaque compounds for visibility under x-ray and fluoroscopy applications
- Antimicrobials to protect against infection



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# MATERIALS & SERVICES



## IMPROVED OUTCOMES THROUGH UNBIASED MATERIAL SELECTION & SERVICES

### Resin Families

- ABS
- Acetal
- Acrylic
- HDPE
- LCP
- LDPE
- Nylon  
(PA6, PA66, PA11, PA12, PA610, PA612, etc.)
- PAEK
- PARA
- PBT
- PC
- PC/ABS
- PC/PBT
- PC/PET
- PEI
- PEEK
- PET
- PP
- PPA
- PPS
- PPSU
- PS
- PSU
- TPE, TPU, TPV

### Services

- Color Design / Compound Development
- Custom Compounding
- Customer Toll Processing
- Customer Trials
- Flexible Lead Times
- Fully Equipped In-House Color & Testing Labs
- IQ/OQ/PQ Technical Molding Support
- No Minimum Order
- Production in U.S. & China

### Special Effects & Performance Technologies

- Antimicrobials
- Antistats
- Carbon Fiber
- Density Modifiers
- Flame Retardants
- Glass Fiber
- High Specific Gravity
- Impact Modifiers
- IR Light Management
- Laser Welding Additive
- Lubricants / Release Agents
- Radiopacifiers
- Stainless Steel Fiber

### Americhem® Products

- ColorRx® Medical Compounds
- InStruc™ Structurally Reinforced Compounds
- InLube™ Internally Lubricated Compounds
- InElec™ Electrically Active Compounds
- nShield™ Antimicrobial Compounds

### Products Licensed by Solvay

- Amodel® PPA Resin
- AvaSpire® PAEK Resin
- Radel® PPSU Resin
- Udel® PSU Resin
- Veradel® PESU Resin
- Xydar® LCP Resin



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