



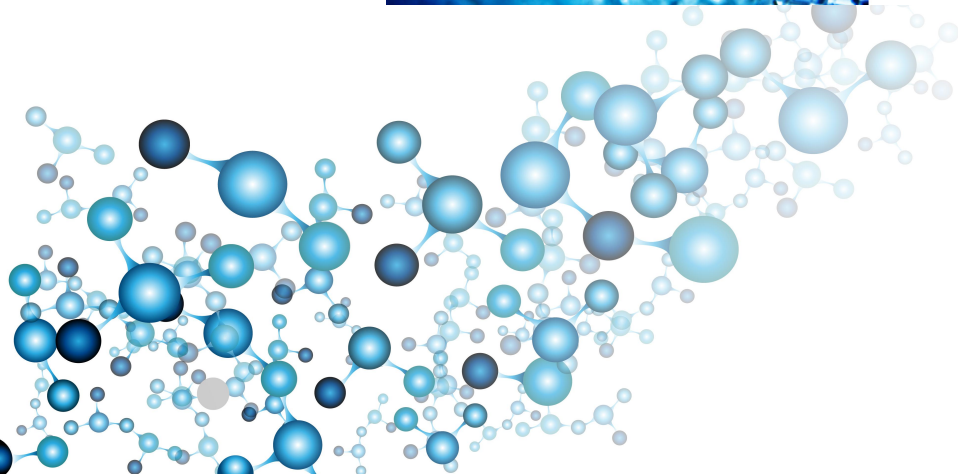
Polymer  
Compounder

# 苏州美嘉塑胶有限公司

SUZHOU MEGA PLASTICS CO. LTD

## 医用级PVC塑胶颗粒

Medical PVC Compounds





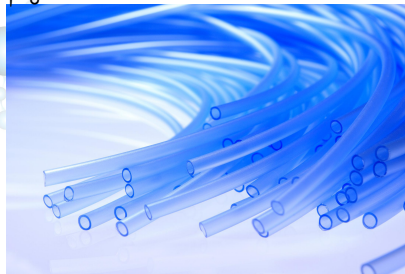
## 美嘉医疗产品简介

从2007年开始，美嘉医疗专心致力于环保聚合物改性材料的各种医疗应用开发，感谢越来越多的国内外客户来对我们高品质和稳定的产品和服务的认可，目前已经成为国内医疗器械行业应用材料的知名供应商。我们的多款产品已经获得国家医疗器械检测中心的认证，在2014年工厂也通过了国际ISO13485管理体系的认证。

我们的医疗PVC和TPE改性材料主要应用各种医疗器械的注塑和挤出工艺上。产品是经过我们专业技术人员仔细地选择原材料，通过完善的配方实验验证和工艺设计，精心制造出来的。产品能稳定地承受伽马等电子束照射灭菌，环氧乙烷灭菌和蒸汽加热消毒灭菌，保证产生最少的颜色变化，同时达到相关的生物相容性规范和化合物的稳定性要求。我们的产品包括分为含DEHP的邻苯二甲酸盐系列和不含邻苯二甲酸盐的系列。产品的硬度范围从Shore 45A至Shore75D，所有等级都能够符合GB15593, ISO10993, 美国药典VI级；非邻苯等级还符合REACH法规。我们的产品主要应用在：

- 呼吸监护和麻醉管理设备
- 输血/输液器, 血液透析循环
- 泌尿外科组件
- 胃，喂养和灌溉管及组件

我们会及时关注相关产品的医疗法规，审核我们的产品材料组份的安全合法性，将最安全的产品交给客户。在竞争日益激烈的全球化经济中，我们会同客户一起持续进行产品的成本最优化管理，把具有竞争力的产品和高品质的服务提供给我们的客户，协助客户获得利润空间和竞争优势，成为客户长期信赖的事业伙伴。



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## Company Brief

Since we started our business in 2001 , Mega dedicated commitment to develop eco-friendly polymer compounds for various industrial applications . We appreciate our domestic and oversea customers for approving our quality and stability of our products and services . Now we have been regarded as a well-known polymer compounds supplier in many industrial sectors in rapidly developing China market .

Our medical PVC compounds are mainly used for various medical injection and extrusion applications . Our experienced technicians carefully selected raw materials for safety, developed special formulation and procedure for each compound, and they concentrated on manufacturing process. Our stable product can withstand gamma irradiation sterilization , ethylene oxide sterilization and steam heat sterilization. We ensure a minimum change in compound color while achieving stability and biocompatibility . Our compounds include the phthalates (DEHP) series and the non phthalates series . Compounds hardness ranges from Shore 45A to Shore 75D, all classes are able to meet GB15593, ISO10993 and USP Class VI; the NON phthalates series also are able to meet the REACH . Our compounds are mainly used in:

Urology , suck , stomach, feeding and irrigation pipes and components

Respiratory care and anesthesia management equipment

Dialysis, transfusion / management and solutions and infusion

We keep paying close attention to the latest legitimacy of medical devices, frequently audit components safety of our compounds with updated medical regulations, so that ensure to delivery safe compounds to customers. Facing the increasingly competition in global market, we promise to work together with customers to optimize cost of our compounds and service , so that help customers obtain the profit margin and price edge in market . We will become a long-term strategy partner of our customer.

ISO Certification



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## 医用级PVC改性材料 Medical PVC Compounds

### 产品级别 • Compounds Hardness Grade

- 挤出级医用软质PVC胶粒  
PVC COMPOUNDS FOR EXTRUSION: Shore 40-98A
- 注塑级医用软质PVC胶粒  
PVC COMPOUNDS FOR INJECTION: Shore 35-98A
- 吹塑/挤吹级软质医用PVC胶粒  
PVC COMPOUNDS FOR BLOW MOLDING : Shore 35-90A
- 半硬质医用PVC胶粒  
SEMI-RIGID PVC COMPOUNDS : Shore 50-70D
- 全硬质PVC医疗PVC胶粒  
RIGID PVC COMPOUNDS : Shore 70D

### 产品用途 • Compound Applications

- 医疗导管（透明级和磨砂级）  
Medical catheter (transparent and frosting)
- 医用氧气面罩，各种注塑件或接头  
Medical oxygen masks, injection molded parts or connector
- 医用级液袋，血袋或球囊  
Medical infusion bags, blood bags or balloon
- 医疗级泵管和高弹管  
Medical pump tubing and high elastic tubing
- 医用级避光专用输液料  
Medical light-resistant infusion bags and tubes
- 其他：可根据客户需求开发  
Other designed for customer requirements





## 氧气面罩类·呼吸科产品 Oxygen Mask · Respiratory



此系列产品应用于氧气面罩及其配套用氧气管、鼻氧头、连接头。高品质的外观，低味或几乎无味，可进行环氧乙烷或Gamma灭菌，无毒，符合GB15593-1995和ISO10993 Class VI，硬度和颜色可根据客户要求定制。

This serie of compounds is formulated for oxygen masks and oxygen tubes, nasal cannula. High quality appearance, low smell or none smell , they can be sterilized by ethylene oxide or Gamma, non-toxic, compatible with GB15593-1995 and ISO10993 Class VI. Hardness and color can be customized .



用途	硬度 shore A	邻苯类型 号	非邻苯类型号	特性
Application	Hardnes s Shore A	Part No. ( Phthalate )	Part No. ( None Phthalate )	Characters
氧气面罩 Oxygen mask	70	M-2070	M-2070NP	高透, 低或无味, 易成型, 外观好 High transparency, low or none smell, easily molding and excellent appearance
	72	M-2072	M-2072NP	
	75	M-2075	M-2075NP	
氧气管 Oxygen tube	75	MT-1075	MT-1075NP	低或无味, 外观好 Low or none smell and excellent appearance
	80	MT-1080	MT-1080NP	
	85	MT-1085	MT-1085NP	
连接头 Oxygen tube junction	65	M-2065	M-2065NP	低或无味, 外观好 Low or none smell and excellent appearance
苏醒球 Resuscitation bag	50	M-2050	M-2050	高弹性, 低或无味 High elasticity, low or none smell

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## 麻醉面罩类·呼吸科产品 Anesthesia Mask · Respiratory

此系列产品应用于麻醉面罩。高品质的外观，低味或几乎无味，可进行环氧乙烷或Gamma灭菌，无毒，符合GB15593-1995和ISO10993 Class VI，硬度和颜色可根据客户要求定制。

This series of compounds is applied for anesthesia masks. High quality appearance, low smell or none smell, they can be sterilized by ethylene oxide or Gamma, non-toxic, compatible with GB15593-1995 and ISO10993 Class VI. Hardness and color can be customized.



用途	硬度 shore A	邻苯类型号	非邻苯类型号	特性
Application	Hardness Shore A	Part No. (Phthalate)	Part No. (None Phthalate)	Characters
半硬质麻醉面罩 Semi-rigid anesthesia mask	95	M-2095	M-2095NP	外观优良 Nice appearance
气囊垫 Air cushion	60	M-2060	M-2060NP	外观优良 Nice appearance
配套导管 Supporting catheter"	75	MT-1075	MT-1075NP	透明度好，外观优良 Transparency, Nice appearance

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## 喉罩类 • 呼吸科产品 LMA • Respiratory

此系列产品应用于麻醉面罩。高品质的外观，低味或几乎无味，可进行环氧乙烷或Gamma灭菌，无毒，符合GB15593-1995和ISO10993 Class VI，硬度和颜色可根据客户要求定制。

This serie of compounds is applied for LMA. High quality appearance, low smell or none smell , they can be sterilized by ethylene oxide or Gamma, non-toxic, compatible with GB15593-1995 and ISO10993 Class VI. Hardness and color can be customized .



用途	硬度 shore A	邻苯类型号	非邻苯类型号	特性
Application	Hardness Shore A	Part No. ( Phthalate )	Part No. ( None Phthalate )	Characters
喉罩（挤吹级） LMA (extrusion blow molding)	45	M-2045	M-2045NP	高弹柔软，外观优良 High elasticity, softness, excellent appearance
连接管（注塑级） Connecting tube (injection)	85	M-2085	M-2085NP	高透，外观优良 Transparency, Nice appearance
导管 Catheter	70	MT-1070	MT-1070NP	高透，外观优良 Transparency, Nice appearance

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## 气管插管类 • 呼吸科产品 Endotracheal Intubation • Respiratory

此系列产品应用于气管插管，显影线。外观好，低味或几乎无味，可进行环氧乙烷或Gamma灭菌，无毒，符合GB15593-1995和ISO10993 Class VI，硬度和颜色可根据客户要求定制。

This series of compounds is designed for endotracheal intubation. High quality appearance, low smell or none smell, they can be sterilized by ethylene oxide or Gamma, non-toxic, compatible with GB15593-1995 and ISO10993 Class VI. Hardness and color can be customized. With or without developing line.



用途	硬度 shore A	邻苯类型号	非邻苯类型号	特性
Application	Hardness Shore A	Part No. (Phthalate)	Part No. (None Phthalate)	Characters
气管插管 ET tubing	75	MT-1075	MT-1075NP	高透，加强型，外观优良 High transparency, enhanced, excellent appearance
	85	MT-1085	MT-1085NP	
	90	MT-1090	MT-1090NP	
充气球囊（磨砂） Inflatable balloon (Matte)	65	M-2065FR	M-2065FR-NP	磨砂，高弹 Frosting, High elasticity
X-显影线 X-ray stripes	70	MT-1070RAY	MT-1070RAY-NP	X射线显影指示 X-ray indicating
	75	MT-1075RAY	MT-1075RAY-NP	
	78	MT-1078RAY	MT-1078RAY-NP	

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此系列产品应用于输液（血）用产品。高品质的外观，低味或几乎无味，可进行环氧乙烷或Gamma灭菌，无毒，符合GB15593-1995和ISO10993 Class VI，硬度和颜色可根据客户要求定制。

This series of compounds is applied for infusion parts. High quality appearance, low smell or none smell, they can be sterilized by ethylene oxide or Gamma, non-toxic, compatible with GB15593-1995 and ISO10993 Class VI. Hardness and color can be customized.



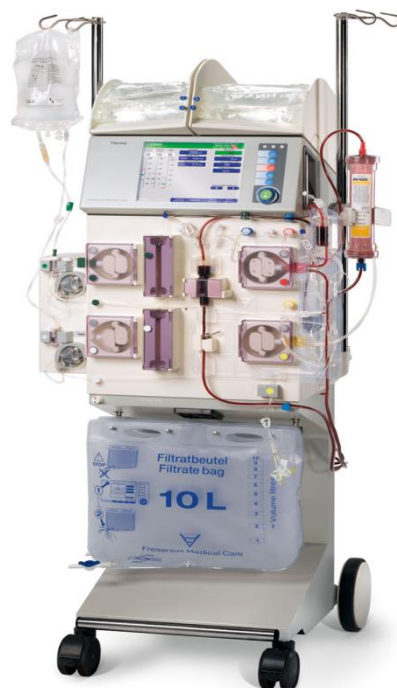
用途	硬度 shore A	邻苯类型号	非邻苯类型号	特性
Application	Hardness Shore A	Part No. (Phthalate)	Part No. (None Phthalate)	Characters
输液（血）导管 Infusion (blood) catheter	75A	MT-1075	MT-10755NP	外观优良 Excellent appearance
血袋 Blood bags	76A	MF-2076	MF-2076NP	生物相容性好，外观优良 Good biocompatibility, excellent appearance
滴斗（注塑级） Drip chamber (injection)	85A	M-2085	M-2085NP	高透，外观优良 High transparency, excellent appearance
滴斗（挤吹级） Drip bucket (extrusion blow molding)	90A	M-2090	M-2090NP	高透，外观优良 High transparency, excellent appearance
过滤器 Filter	70D	M-2070D	M-2070D-NP	易成型，不变形 Easily molding, dimensionally stable
蝴蝶膀 Wing set	80A	M-2082	M-2082NP	易成型 Easily molding



## 血液透析循环类产品 Hemodialysis Circulation

此系列产品应用于血液透析循环。外观好，低味或几乎无味，可进行环氧乙烷或Gamma灭菌，无毒，符合GB15593-1995和ISO10993 Class VI，硬度和颜色可根据客户要求定制。

This series of compounds is designed for hemodialysis circulation parts. High quality appearance, low smell or none smell, they can be sterilized by ethylene oxide or Gamma, non-toxic, compatible with GB15593-1995 and ISO10993 Class VI. Hardness and color can be customized.



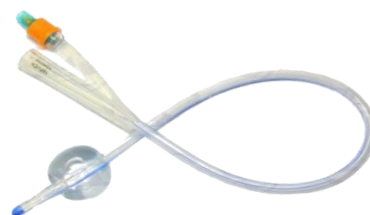
用途	硬度 shore A	邻苯类型 号	非邻苯类型号	特性
Application	Hardness Shore A	Part No. (Phthalate)	Part No. (None Phthalate)	Characters
泵管 Pump tube	65A	ME-1065EL	ME-1065EL-NP	高弹，生物相容性好， 计量精确稳定 High elastic, good biocompatibility, measurement accuracy and stability
配套用导管	65A	MT-1065	MT-1065NP	外观优良 Good appearance
	70A	MT-1070	MT-1070NP	透明度好，外观优良 High transparency, good appearance
	75A	MT-1075	MT-1075NP	
	80A	MT-1080	MT-1080NP	



## 泌尿科类产品 Urology Part

此系列产品应用于泌尿科。外观优，低味，可进行环氧乙烷或Gamma灭菌，无毒，符合GB15593-1995和ISO10993 Class VI，硬度和颜色可根据客户要求定制。

This series of compounds is designed for urology. High quality appearance, low smell or none smell, they can be sterilized by ethylene oxide or Gamma, non-toxic, compatible with GB15593-1995 and ISO10993 Class VI. Hardness and color can be customized.



用途	硬度 shore A	邻苯类型号	非邻苯类型号	特性
Application	Hardness Shore A	Part No. (Phthalate)	Part No. (None Phthalate)	Characters
导尿管 Catheter tube	70	MT-1070	MT-1075NP	透明度好，外观优良 High transparency, good appearance
	75	MT-1075	MT-1075NP	透明度好，外观优良 High transparency, good appearance
连接头（注塑） Connectors (injection)	75	M-2075	M-2075NP	易成型，外观优良 Easily molding, dimensionally stable, good appearance
X-显影线 X-ray stripe	70	MT-1070RAY	MT-1070RAY-NP	X射线显影指示 X-ray indicating
	75	MT-1075RAY	MT-1075RAY-NP	
	78	MT-1078RAY	MT-1078RAY-NP	



## 硬质PVC Rigid PVC

此系列产品应用于各种医疗硬质配件。高流动性，高抗冲，低味，可进行环氧乙烷或Gamma灭菌，无毒，符合GB15593-1995和ISO10993

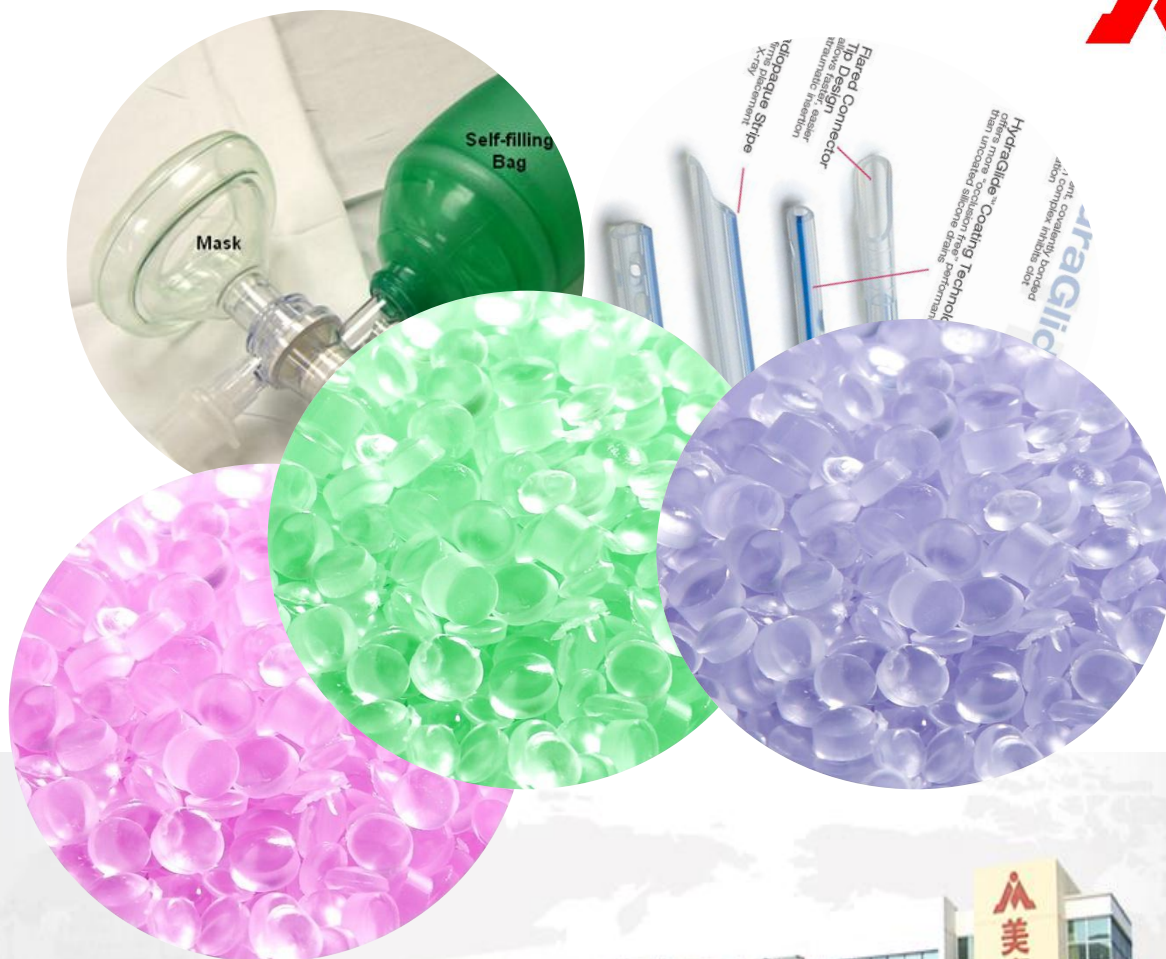
Class VI，冲击强度和颜色可根据客户要求定制。

This series of compounds is designed for Rigid parts. High quality appearance, low smell or none smell, they can be sterilized by ethylene oxide or Gamma, non-toxic, compatible with GB15593-1995 and ISO10993 Class VI. IZOD and Color can be customized.



用途	硬度 shore D	型号	特性
Application	Hardness Shore D	Part No. (Phthalate)	Characters
瓶类 Bottle	75D	RM-100-BL	高透光洁，无鱼眼，易脱模，韧性好，强度好 High transparency, no gels, Easily molding, high toughness, high strength
硬管 Rigid tube	75D	RM-100-EX	高透，无晶点，高韧性，高抗冲 High transparency, no gels, high Impact Strength
硬注塑配件 Rigid injection parts	75D	RM-100-IN	高流动性，高透，高抗冲，尺寸稳定性好 High MFI, High transparency, High Impact strength, excellent dimensional stability





产品包装：PE薄膜内层，外层为编制袋或纸袋，  
25kg/袋。

储藏条件：阴凉干燥处，避免阳光直射。

运输：防止日晒，雨淋或浸水。

技术服务：如需更详尽的产品规格资料，  
请联系技术部医疗高分子材料处

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