



NAS®

INEOS
STYROLUTION

INEOS Styrolution's best-in-class transparent styrene acrylic copolymers are a premium choice for applications demanding a strong, stiff, water-clear plastic. NAS is hydrophobic and provides excellent thermal stability, very good alcohol resistance. NAS is compliant with FDA and EU food regulations as well as medical compliances USP Cl. VI & ISO 10993.

英力士苯领的 NAS® 系列 (苯乙烯-甲基丙烯酸甲酯共聚物/ SMMA) 是在需要强度, 硬度及高透明度应用的最佳选择。NAS® 系列有着疏水性, 优良的热稳定性, 极好的耐酒精性。NAS® 系列符合 FDA, EU 食品接触, 美国药典第六级 (USP Class VI) 与及生物相容性 ISO 10993 等法规及标准。



Material Properties 材料特性

- Outstanding transparency
- High refractive index, which gives the finished product an excellent sparkling appearance.
- High flowability, especially suitable for thick and large size parts.
- Good thermal stability, materials can be recycled.
- Good chemical resistance, especially excellent in alcohol resistance
- After Gamma ray or ETO gas sterilization, the product could maintain in terms of color and physical properties
- Due to relatively low injection molding temperature, an easily- managed molding process, a short molding cycle, plus a high yield rate, turns into advantages in production cost-control.
- Finished parts can be applied for vacuum plating and printing processes.
- Medical grade
- Food contact possible

- 优异的透明度
- 折射率高, 令制成品有极佳的晶莹度
- 高流动性, 特别适合于较厚或大体积部件
- 良好的热稳定性, 材料可再生利用
- 耐化学性好, 特别耐酒精性极好
- 制品经伽玛射线或环氧乙烷消毒后仍能稳定保持颜色和物性
- 注塑加工温度较低, 加工容易, 成型周期短, 成品率高, 有利控制生产成本
- 成品可以作真空电镀及印刷等后加工处理
- 医疗级材料
- 可接触食物



美国食品药品
监督管理局(FDA)
食品接触规范

欧盟
(EU) NO 10/2011
塑料食品接触材料

美国药典第六级
(USP Class VI)

Key Applications 主要应用

- Water filters
- Food boxes
- Point-of-purchase displays
- Diabetes devices & packaging, e.g. injection pens
- Pens (barrel)
- 滤水壶
- 食物盒
- 销售点展示盒/架/柜
- 血糖检测仪和包装, 例如 注射笔
- 笔 (桶)

如有任何材料应用查询, 欢迎向我们业务拓展及客户服务部联系。

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