PEI

Ultem® HU1000

SABIC

Position #116 • Jinsutong Reference Catalog 2026

Resin Overview

PEI · 医疗,USP Class VI. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	PEI · 医疗,USP Class VI
Typical Use	USP Class VI 医疗透明部件

Key Properties

密度	1.27 g/cm³
流不体积率	14 cm³/10min
展长涵包强度	105 MPa
展长模量	3000 MPa
断裂伸长率	60%
热变形温度(1.8 MPa)	200 °C
透光率(2mm)	87%
消毒循环	1000+ autoclave

Key Features

- USP Class VI 认证
- 可高压蒸决醒 1000+ 次
- 高透明适合医疗
- SABIC 品质

Processing Conditions

流不温度	340-370 °C

模具温度	140-180 °C
干燥	4 h @ 150 °C in desiccant dryer
加工方式	Injection molding

Typical Applications

- 可重复使用医疗器械
- 手术器械手柄
- 医疗透明部件
- 消毒托盘

Regulatory & Compliance

- USP Class VI
- ISO 10993
- FDA 21 CFR 177.1595

> ⚠ All data sourced from public manufacturer catalogs.

Contact
Mr. Mo Hailong · +86 138 1603 7020 · 13816037020@139.com

© 2026 Shanghai Jinsutong Plastics Co., Ltd. · jinsutong.com/grades