PC+ABS

Cycoloy® CR5540

SABIC

编号 #114 · 金塑通参考目录 2026

Resin Overview

PC+ABS · 医疗,医疗用. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	PC+ABS · 医疗,医疗用
Typical Use	医疗器械外壳,医疗用

Key Properties

流不体积率	13 g/10min
密度	1.15 g/cm³
展长涵包强度	53 MPa
展长模量	2400 MPa
缺口冲击(23°C)	50 kJ/m²
热变形温度(1.8 MPa)	100 °C
USP Class VI	Compliant
ISO 10993	Compliant

Key Features

- USP Class VI 认证
- ISO 10993 生物相容
- 适合 EtO 和伽马消毒
- 适合医疗器械外壳

Processing Conditions

流不温度	250-280 °C
模具温度	60-80 °C
干燥	4 h @ 100 °C in desiccant dryer
加工方式	Injection molding

Typical Applications

- 医疗器械外壳
- 诊断设备部件
- 手术器械手柄
- 制药设备

Regulatory & Compliance

- USP Class VI
- ISO 10993
- FDA 21 CFR 177.1580

> ⚠ 所有数据来源于公开厂商目录。

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