PC

# Lexan® EXL1414

SABIC

Position #103 • Jinsutong Reference Catalog 2026

## Resin Overview

PC · 硅油共聚物,阻燃. Sourced from public manufacturer technical data sheets.

## This Grade

| | |
|---|---|
| **Manufacturer** | SABIC |
| **Category** | PC · 硅油共聚物,阻燃 |
| **Typical Use** | PC-硅油阻燃,适合低温韧性 |

## Key Properties

| | |
|---|---|
| **流不体积率** | 10 cm³/10min |
| **密度** | 1.18 g/cm³ |
| **展长涵包强度** | 60 MPa |
| **展长模量** | 2200 MPa |
| **缺口冲击(23°C)** | 85 kJ/m² |
| **缺口冲击(-30°C)** | 70 kJ/m² |
| **热变形温度(1.8 MPa)** | 130 °C |
| **UL 94 阻燃等级** | V-0 @ 2.0mm |

## Key Features

- PC-硅油低温韧性
- FR(V-0)安全
- -30°C 优异冲击
- 艫好加工性

## Processing Conditions

| | |
|---|---|
| **流不温度** | 280-320 °C |

| | |
|---|---|
| **模具温度** | 80-110 °C |
| **干燥** | 4 h @ 120 °C in desiccant dryer |
| **加工方式** | Injection molding |

## Typical Applications

- 低温汽车内饰
- 安全设备
- 冷藏外壳
- 户外外壳

## Regulatory & Compliance

- UL 94 V-0 认证
- RoHS 合规

> ⚠ All data sourced from public manufacturer catalogs.

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