PA12

Grilamid® L 25 NZ

EMS 化学

编号 #115 · 金塑通参考目录 2026

Resin Overview

PA12 · 增韧,柔性. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	EMS 化学
Category	PA12 · 增韧,柔性
Typical Use	柔性管材,电缆外套

Key Properties

密度	1.02 g/cm³
流不体积率	15 cm³/10min
熔点(DSC)	176 °C
展长涵包强度	38 MPa
断裂伸长率	350%
缺口冲击(23°C)	25 kJ/m²
热变形温度(0.45 MPa)	110 °C
饱和吸湿	0.8%

Key Features

- 增韧适合高柔韧
- 高伸长适合柔性应用
- 低吸湿
- 对燃料耐化学性

Processing Conditions

流不温度	200-250 °C
模具温度	40-80 °C
干燥	4-6 h @ 80 °C in desiccant dryer
加工方式	Extrusion (tubing), injection molding

Typical Applications

- 柔性燃油管
- 电缆外套
- 气动管
- 柔性联轴器

Regulatory & Compliance

- SAE J844
- DIN 73378
- RoHS 合规

> ⚠ 所有数据来源于公开厂商目录。

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