

多官能度聚碳酸酯多元醇

Multi-Functional Polycarbonate Polyol

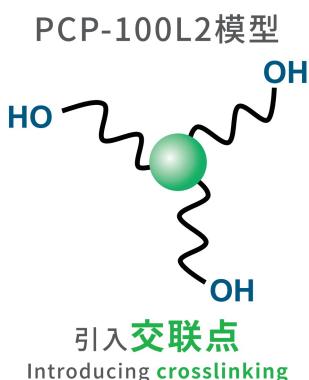
PCP-100L2既能单独使用也能与PCD混用，
可使聚氨酯材料的耐热性、柔软性、耐磨性有显著的提升。

PCP-100L2 significantly improves the heat resistance, flexibility, and abrasion resistance of polyurethane, whether used alone or in combination with PCD.

产品名称 Grade	平均官能度 Functionality	外观 Appearance (25°C)	分子量 Molecular weight	粘度 Viscosity (mm²/s at 75°C)	羟值 Hydroxy value (KOH mg/g)
PCP-100L2	2.6	常温液态 Liquid at RT	1,100	370	140

表中的数值为代表值。The values shown above are typical values, not guaranteed values.

结构示意图 Structure



设想用途 Application

涂料 Coatings

耐磨性提升
耐热性提升
Improved abrasion resistance
Improved heat resistance



粘合剂 Adhesives

提高耐热性
保持附着力
Improved heat resistance
Maintaining adhesion



合成革 Synthetic leather

耐热性与
柔軟性的并存
Achieving both heat resistance
and flexibility



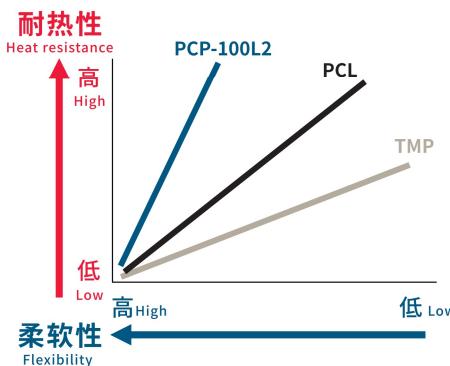
特征 Characteristics

耐热性与柔軟性并存

Achieving both **heat resistance** and **flexibility**

用双组分配方评价

- 与主剂(PCD)混用交联成分: PCP-100L2、TMP、3官能PCL
 - 使用PCP-100L2, 可实现耐热性和柔軟性的共存
- Evaluation by two-component curing formulation:
Combining crosslinking components in the main agent (PCD)
Crosslinking components: PCP-100L2, TMP, trifunctional PCL
By using PCP-100L2, both heat resistance and flexibility are achieved.



引入交联点后仍能保持手感

Maintaining **tactile sensation** even after **crosslinking** introduction.

在触感涂料中评价

- 为提高耐久性特别是耐药品性而引入交联点, 各交联成分调整至同一交联密度后进行评价
- 使用PCP-100L2时, 能保持良好的触感性

Evaluation with tactile coating:

- Crosslinking introduction is considered for improved durability, particularly chemical resistance. Adjusting and evaluating the crosslinking density to be the same for each crosslinking component.
- Maintaining good tactile sensation by using PCP-100L2.

触感性

Tactile sensation

