

# 长华化学科技股份有限公司

Changhua Chemical Technology Co.,Ltd.

聚醚多元醇CHF-5107VE 技术信息

Technical Information of Polyether Polyol CHF-5107VE



## 简介\Introduction

CHF-5107VE是一种专用于块泡和模塑工艺慢回弹聚氨酯泡沫用途开发的聚醚多元醇产品。使用此款产品生产慢回弹海绵可以大幅度减轻温度对聚氨酯泡沫硬度的影响，在摄氏0度的情况下，也能够维持泡沫的柔软性。且此聚醚特别在泡沫开孔性、反应活性高方面表现极佳，发泡的宽容度高，可适用于20-130kg/m<sup>3</sup>密度范围的慢回弹发泡生产。该聚醚可作为主体聚醚进行TDI/MDI基多种密度慢回弹海绵的生产。还可以在普通TDI基慢回弹海绵配方中，代替部分慢回弹聚醚CHE-307进行发泡。

CHF-5107VE polyether polyol is a unique polyol for the production of slabstock and molded viscoelastic foam. This product can greatly reduce the influence of temperature sensitivity of PU foam hardness, in the case of 0°C, the foam can also keep the softness. It is designed to offer enhanced reactivity and promote cell opening of viscoelastic foams. It provides expanded formulating and processing flexibility. This allows for the production of a wide density 20-130kg/m<sup>3</sup> range of viscoelastic foam grades. CHF-5107VE polyether polyol is typically employed as the primary polyether polyol in TDI/MDI based formulations of most standard density and firmness grades of slabstock foams. It can also be used instead of a part of CHE-307 to produce viscoelastic foam.

## 规格\Specifications

外观\Appearance	无悬浮物，无机械杂质的均匀黏稠液体 Uniform viscous liquid without mechanical impurities and suspended solids	目测\Visual
羟值\Hydroxyl Value (mgKOH/g)	105.0~110.0	GB/T 12008.3-2009
水含量\Water Content (%)	≤0.100	GB/T 22313-2008/ ISO 14897:2002
酸值\Acid Value (mgKOH/g)	≤0.090	GB/T 12008.5-2010
pH	5.0~7.0	GB/T12008.2-2010 附录B
黏度\Viscosity mPa·s (25°C)	550~850	GB/T 12008.7-2010
钾离子含量\K <sup>+</sup> (mg/kg)	≤1.0	GB/T 12008.4-2009
色度\Color (Pt-Co)	≤200	GB/T 605-2006

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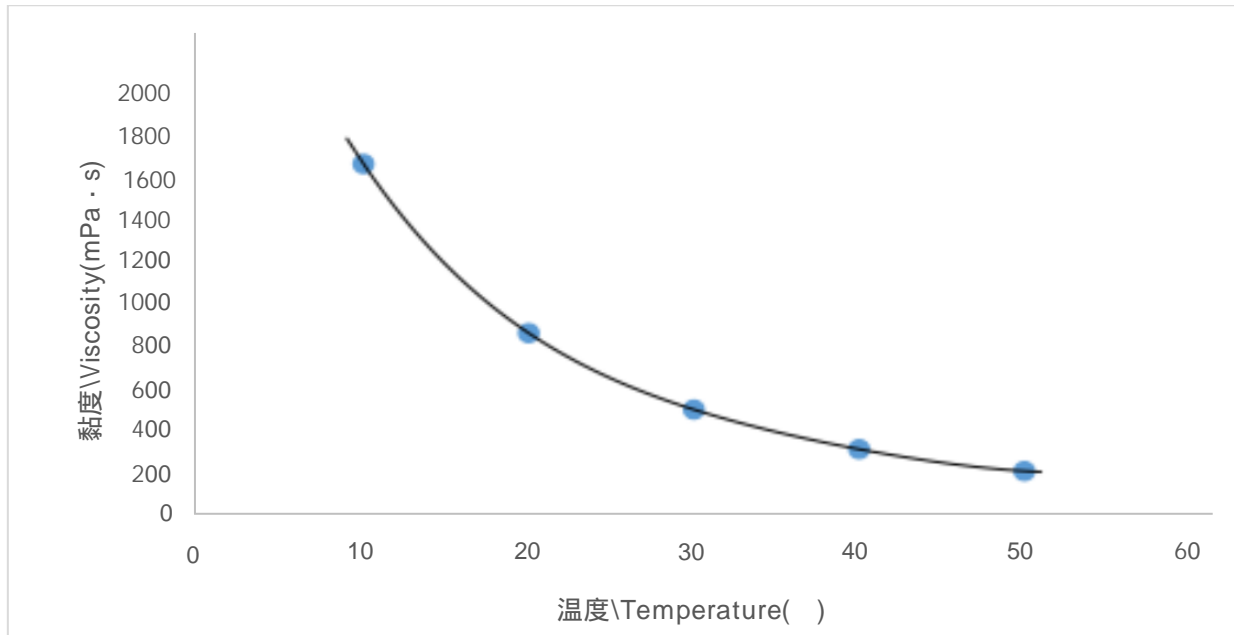
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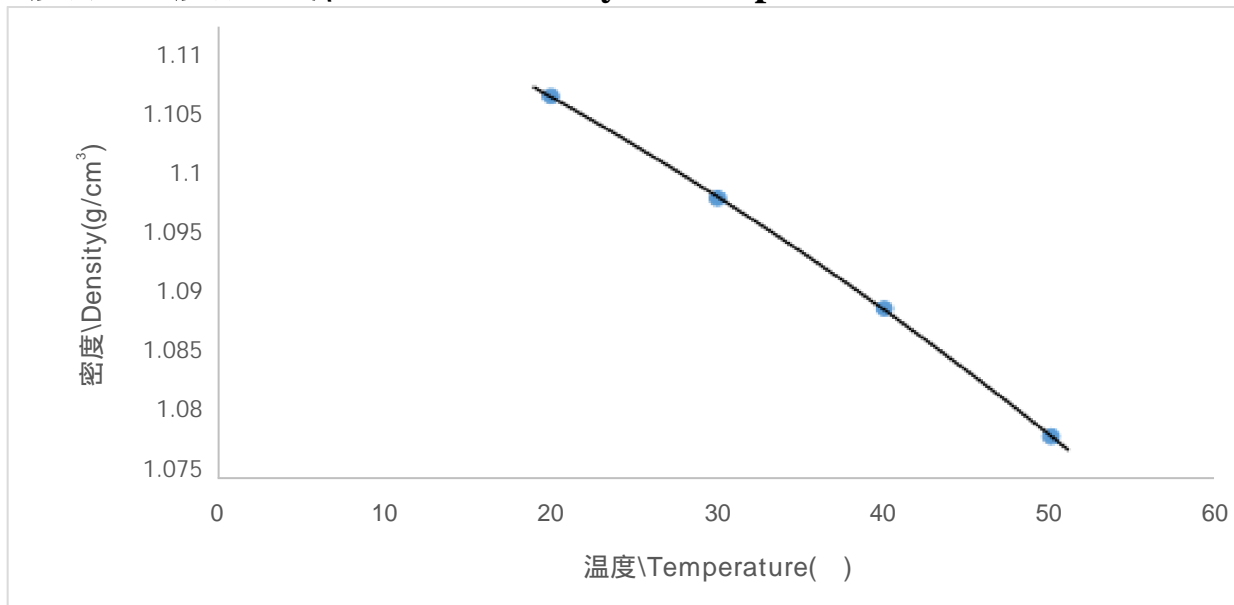
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## 温度和黏度曲线\Curve of Viscosity vs Temperature



## 温度和密度曲线\Curve of Density vs Temperature



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