

# 长华化学科技股份有限公司

Changhua Chemical Technology Co., Ltd.

聚合物多元醇 CHP-2045 技术信息

Technical Information of Polymer Polyols CHP-2045



## 简介\Introduction

聚合物多元醇 CHP-2045 是以通用聚醚多元醇为基础聚醚，加丙烯腈、苯乙烯单体及引发剂，在特定的温度和氮气保护下进行自由基接枝聚合而成。本产品为无BHT、低残留单体、低黏度、高固含量聚合物多元醇，固含量达44.5%~48.5%；与水混溶性好，配制发泡物料流动性好，制成泡沫的密度梯度低，泡孔均匀细腻，主要应用于高硬度块状软泡和火焰复合绵。

Polymer polyols CHP-2045 which are based on general polyether polyols are synthesized by free radical graft polymerization with initiator and monomers of styrene and acrylonitrile under specific temperature and nitrogen protection. They are characterized by BHT free, low monomer residues, low viscosity and high solid content at 44.5%~48.5%, They gives a good flowability when mixing with water. The foam made by the products has low density gradient and uniform and fine cell structure. The products are mainly used in the high hardness flexible slabstock foams and flame lamination foams.

## 规格\Specifications

外观\Appearance	乳白色黏稠液体\ Milky white viscous liquid	目测\Visual
羟值\Hydroxyl Value (mgKOH/g)	26~30	GB/T 12008.3-2009
水含量\Water Content (%)	≤0.05	GB/T 22313-2008/ ISO 14897:2002
pH	6~9	GB/T 12008.2-2010 附录B
黏度\Viscosity mPa·s (25℃)	3000~4500	GB/T 12008.7-2010
丙烯腈 (AN) 残留量\ Residue of AN (mg/kg)	≤2	GB/T 31062-2014
苯乙烯 (SM) 残留量\ Residue of SM (mg/kg)	≤25	GB/T 31062-2014
固含量\Solid Content (%)	44.5~48.5	GB/T 31062-2014

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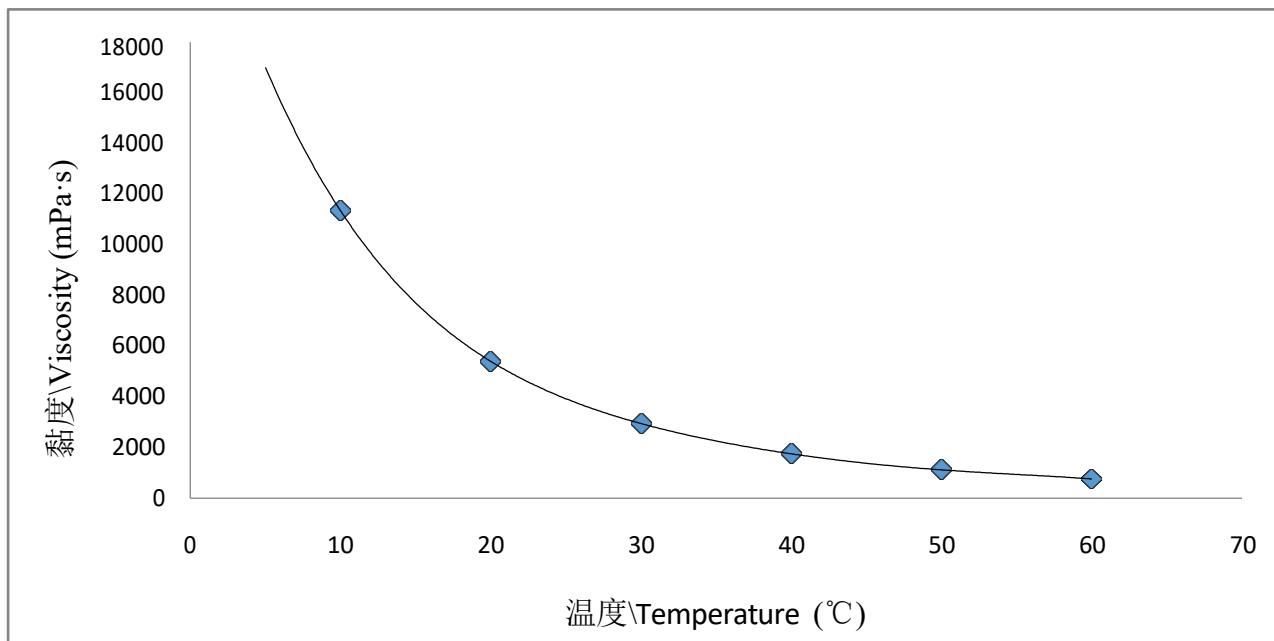
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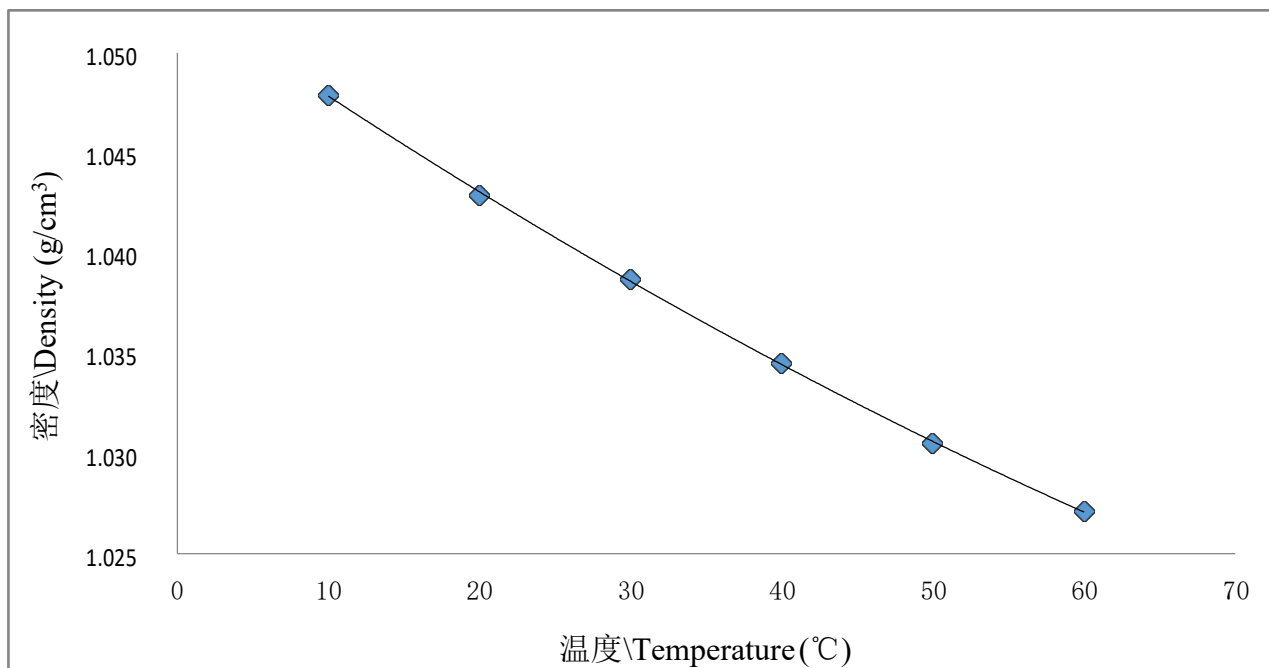
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## 温度和黏度曲线\Curve of Viscosity vs Temperature



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



长华化学科技股份有限公司工艺部

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