

# 长华化学科技股份有限公司

Changhua Chemical Technology Co.,Ltd.

聚合物多元醇 CHP-H50 技术信息

Technical Information of Polymer Polyols CHP-H50



## 简介\Introduction

聚合物多元醇CHP-H50是以高活性软泡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、无胺的高活性、低残留单体、低黏度、高固含量聚合物多元醇，固含量高达43%~50%；用于制备高承载或高模量软质和半硬质聚氨酯泡沫塑料制品。相比CHP-H45而言，具有更好的开孔性，制品硬度提高10%~20%。

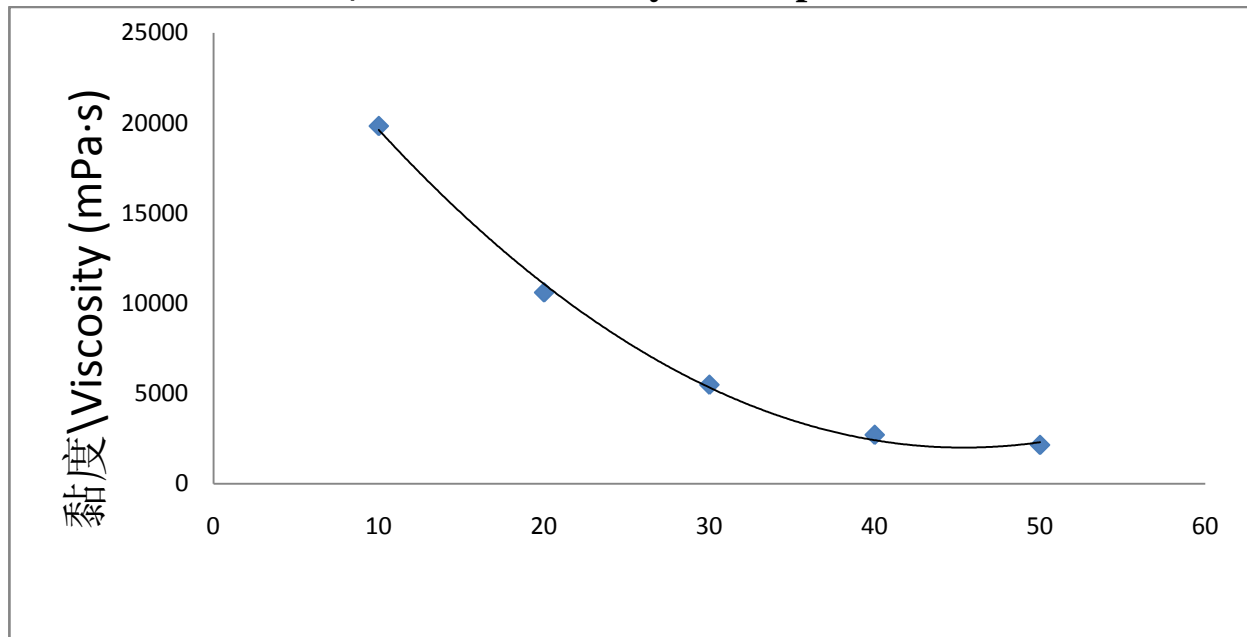
Polymer polyols CHP-H50 which are based on high active flexible foam polyether polyols are synthesized by free radical graft polymerization with initiator and monomers of styrene and acrylonitrile under specific temperature and nitrogen protection. They are BHT-free and amines-free high reactivity polymer polyols characterized by low viscosity, low monomer residues and high solid content at 43%~50%.The products are used to manufacture flexible and semi-rigid polyurethane foams of high load or highmodulus. The products compared with CHP-H45 have better cell-opening, and they can increase 10%~20% hardness of foam product.

## 规格\Specifications

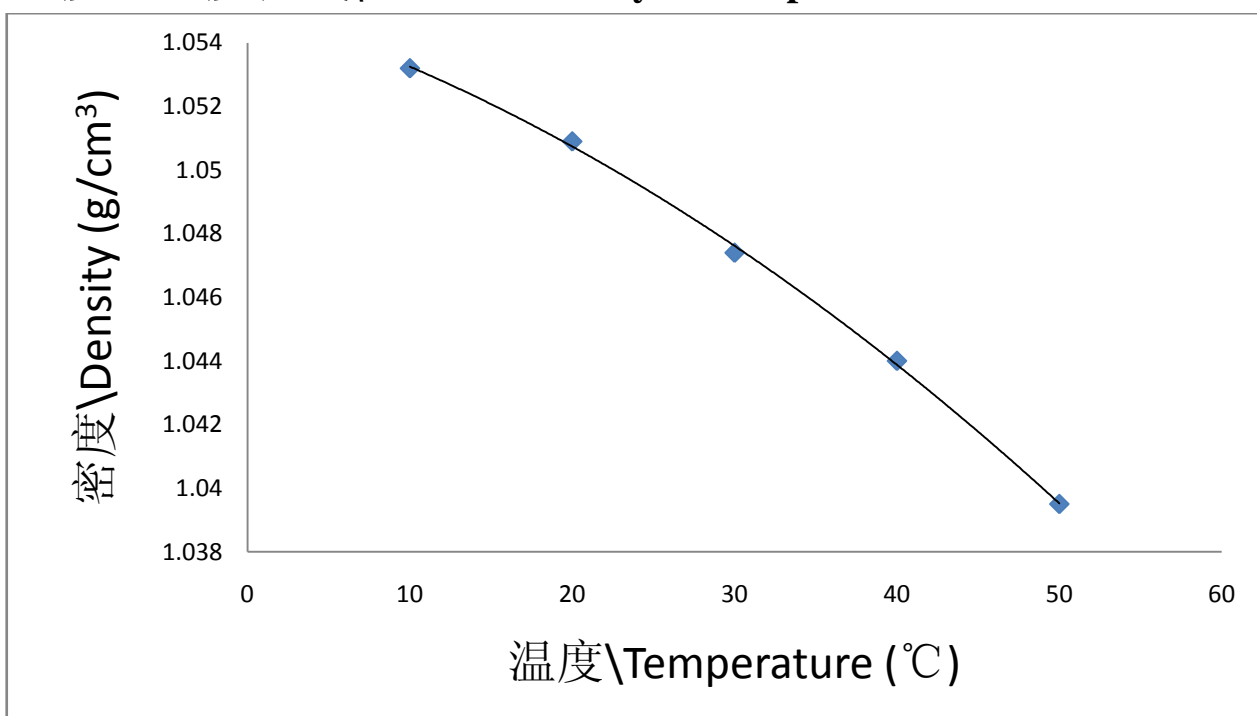
外观\Appearance	乳白色黏稠液体\ Milky white viscous liquid	目测\Visual
羟值\Hydroxyl Value (mgKOH/g)	17~21	GB/T 12008.3-2009
水含量\Water Content (%)	≤0.05	GB/T 22313-2008/ ISO 14897:2002
pH	6~9	GB/T 12008.2-2010 附录B
黏度\Viscosity mPa·s (25℃)	≤8000	GB/T 12008.7-2010
丙烯腈 (AN) 残留量\ \Residue of AN (mg/kg)	≤2	GB/T 31062-2014
苯乙烯 (SM) 残留量\ \Residue of SM (mg/kg)	≤10	GB/T 31062-2014
固含量\Solid Content (%)	43~50	GB/T 31062-2014



### 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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