

# 长华化学科技股份有限公司

Changhua Chemical Technology Co.,Ltd.

聚醚多元醇CHE-5603 技术信息  
Technical Information of Polyether Polyols CHE-5603



## 简介\Introduction

聚醚多元醇CHE-5603 是由含活性氢基团的化合物为起始剂，在催化剂作用下，与氧化丙烯开环聚合反应合成。本产品是无 BHT 的通用聚醚，使用范围较广。本产品主要应用于块状泡沫、床垫、家具、包装材料，适合于生产高、中、低密度泡沫，特别适合火焰复合海绵，能增加撕裂和拉伸强度。

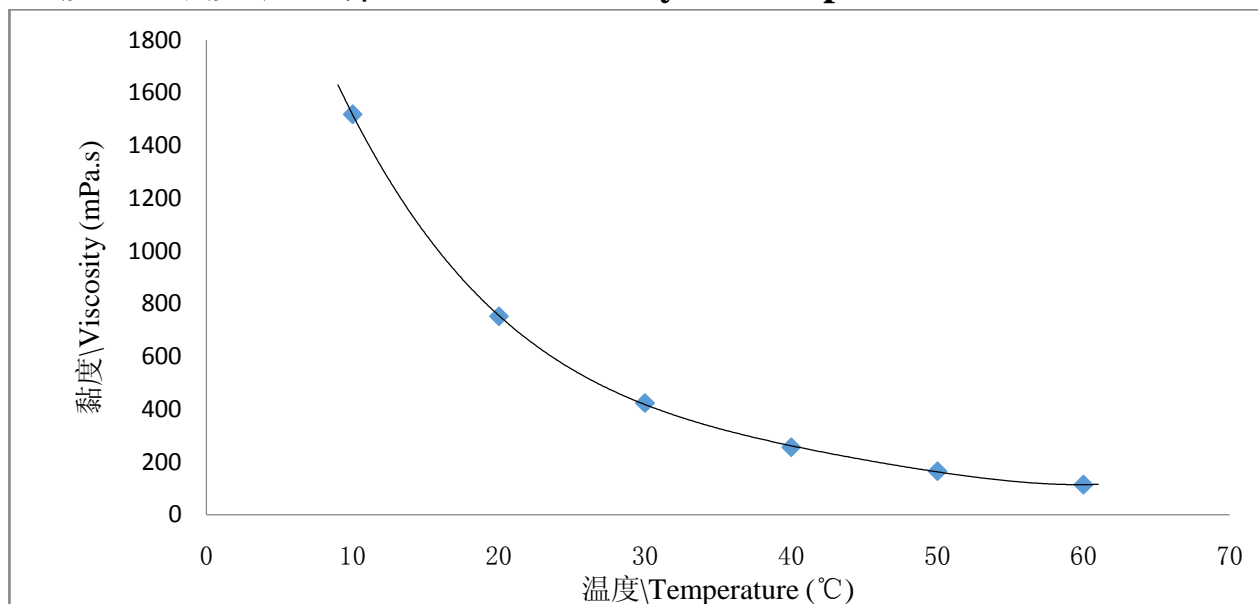
Polyether polyols CHE-5603 are polymerized from the ring-opening of propylene oxide with active hydrogen compounds as initiator under the effect of the catalyst. The products are general polyether polyols without BHT and applied widely. They are prepared for slabstock foams, mattress, furniture and packing materials and can be used to produce low, moderate and high density foams. They are also especially fit for sponges used for flame lamination to improve tensile and tear strength.

## 规格\Specifications

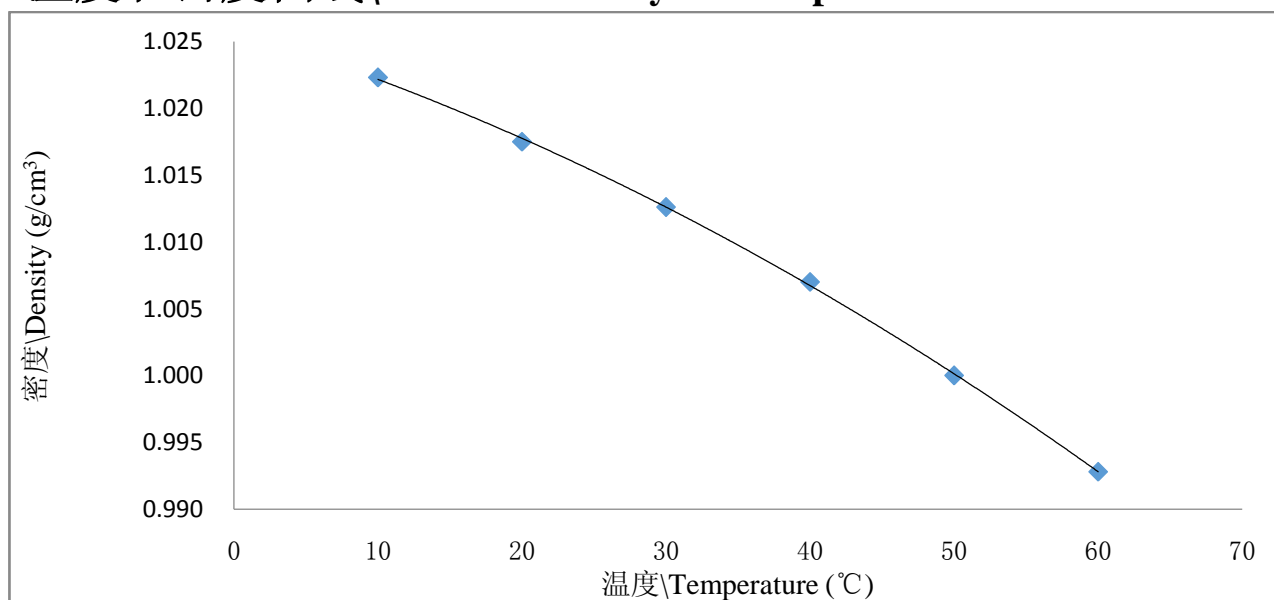
外观\Appearance	无悬浮物，无机械杂质的均匀黏稠液体 Uniform viscous liquid without mechanical impurities and suspended solids	目测\Visual
羟值\Hydroxyl Value (mgKOH/g)	54~58	GB/T 12008.3-2009
水含量\Water Content (%)	≤0.05	GB/T 22313-2008/ ISO 14897:2002
酸值\ Acid Value (mgKOH/g)	≤0.05	GB/T 12008.5-2010
pH	5.0-7.0	GB/T12008.2-2010 附录B
色度\ Color (Pt/Co)	≤50	GB/T 605-2006
不饱和度\ Degree of unsaturation (mol/Kg)	≤0.010	GB/T 12008.6-2010
环氧丙烷 (PO) 残留量\ Residue of PO (ppm)	≤25	CH-ZB-JS-001-2012



## 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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