

长华化学科技股份有限公司

Changhua Chemical Technology Co., Ltd.

聚合物多元醇 CHP-2045D 技术信息
Technical Information of Polymer Polyols CHP-2045D



简介\Introduction

聚合物多元醇 CHP-2045D 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。相对于CHP-2045，本产品采用新型无胺抗氧化剂、残留单体低于10ppm、低气味聚合物多元醇；制得的泡棉气味更低，物理性能和CHP-2045保持一致，提高了泡棉起始氧化温度，抗黄变、红变性能优，广泛应用于汽车火焰复合绵和高端内衣绵。

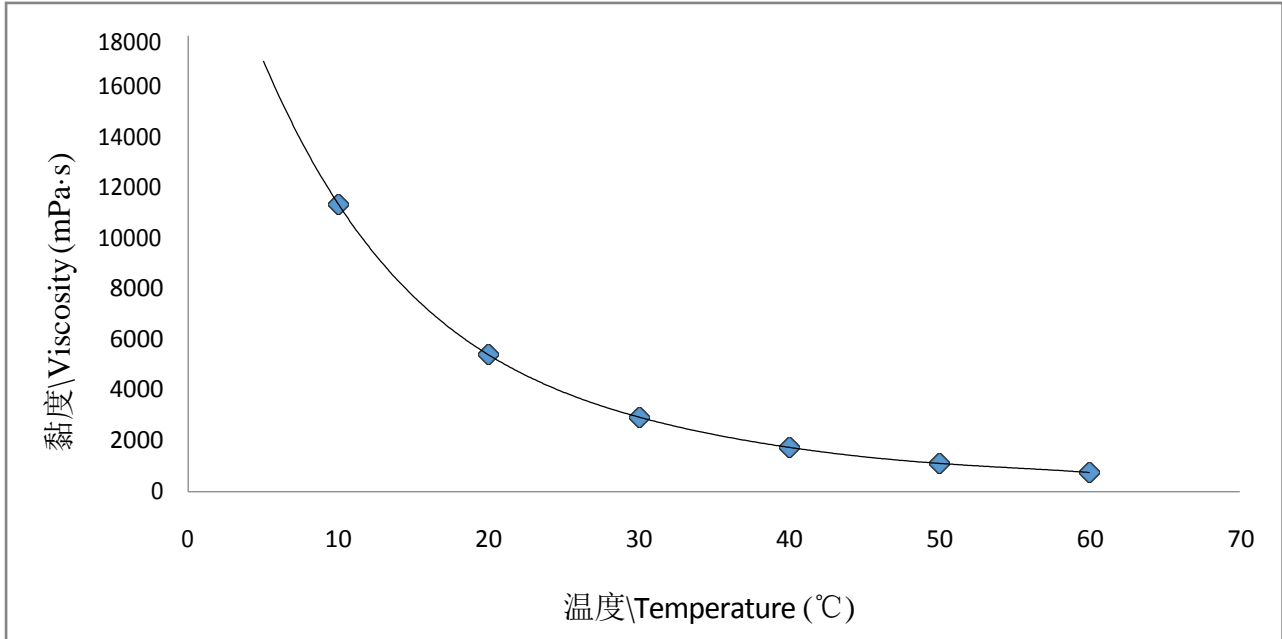
Polymer polyols CHP-2045D which are based on general polyether polyols are synthesized by free radical graft polymerization with initiator and monomers of styrene and acrylonitrile under specific temperature and nitrogen protection. Compared with CHP-2045, the products adopt new type of amine-free antioxidants, monomer residuals less than 10 ppm, low-odor polymer polyols. The produced foams have lower odor, the physical properties are consistent with CHP-2045, the products have higher initial oxidation temperature of foams, excellent anti yellowing and red performance. The products are mainly used in automotive flame lamination foams and high-end underwear foams.

规格\Specifications

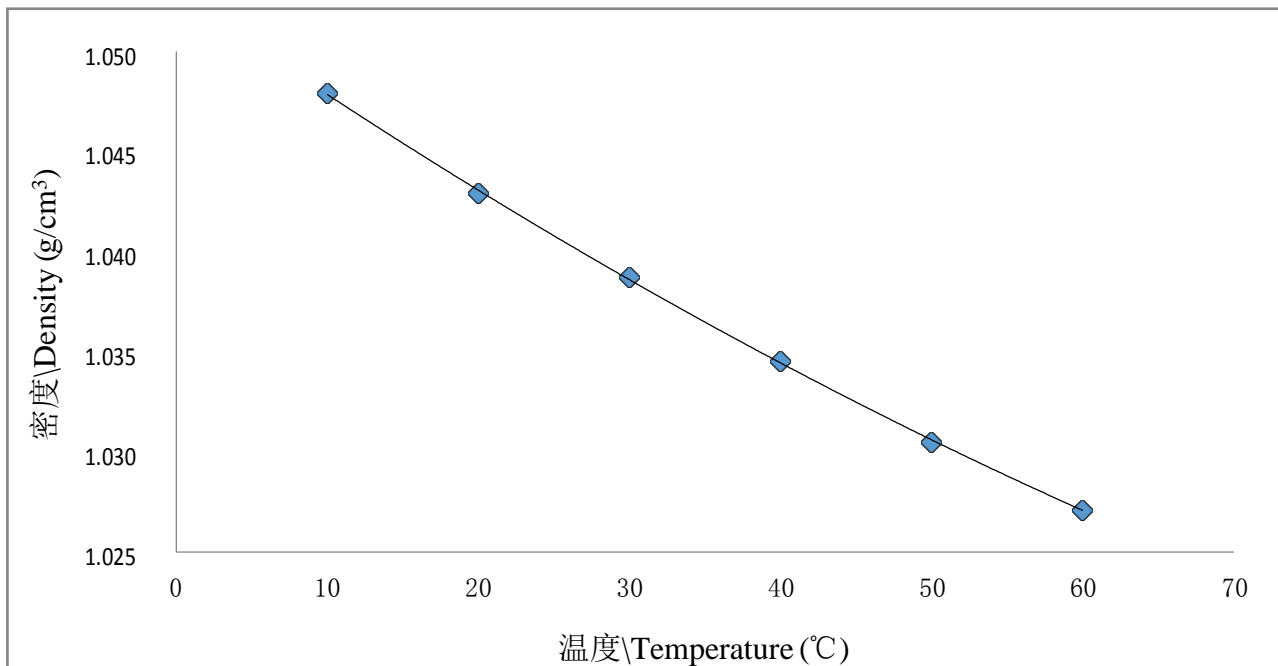
外观\Appearance	乳白色黏稠液体\ Milky white viscous liquid	目测\Visual
羟值\Hydroxyl Value (mgKOH/g)	26~30	GB/T 12008.3-2009
水含量\Water Content (%)	≤0.05	GB/T 22313-2008/ ISO 14897:2002
pH	6~9	GB/T 12008.2-2010
黏度\Viscosity mPa·s (25℃)	3000~4500	GB/T 12008.7-2010
丙烯腈(AN)残留量\ \Residue of AN (mg/kg)	≤2	GB/T 31062-2014
苯乙烯(SM)残留量\ \Residue of SM (mg/kg)	≤10	GB/T 31062-2014
固含量\Solid Content (%)	44.5~48.5	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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