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QB

**LIGHT INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

QB/T 5114-2017

**Determination of retained blowing agent in rigid polyurethane
foam**

硬质聚氨酯泡沫塑料中残留发泡剂的测定

(English Translation)

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What this standard covers

This standard specifies two methods for the determination of residual blowing agents in rigid polyurethane foams by headspace gas chromatography, Method A hydrogen flame ionization detector (FID) and method B electron capture detector (ECD). This standard applies to rigid polyurethane foam density range $30\text{kg/m}^3 \sim 80\text{kg/m}^3$. Method A is suitable for the determination of alkanes (cyclopentane, isopentane) and methyl formate blowing agent in rigid polyurethane foam; Method B is suitable for the determination of chlorofluorocarbons (CFC-11), hydrogen Determination of blowing agents for hydrochlorofluorocarbons (HCFC-141b, HCFC-22) and hydrofluorocarbons (HFC-245fa, HFC-365mfc, HFC-227ea, HFC-134a) this

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