

# 环氧丙烷

**性质** 环氧丙烷为无色易挥发液体,具有三元环结构反应活性高、水溶性优异、能与多种化合物开环聚合的特点。

**用途** 用于生产聚醚多元醇(聚氨酯核心原料)、丙二醇(医药化妆品保湿剂)、丙二醇醚(涂料溶剂)。

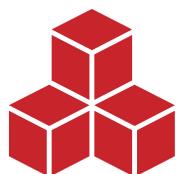
检测项目	检测方法	指标	单位
外观	自然光下目视观察	透明液体,无可见机械杂质	/
环氧丙烷	GB/T 14491-2015	≥99.95	w%
色度	GB/T 6324.6	≤5	铂-钴色号
酸度(以乙酸计)	GB/T 14491-2015	≤0.003	w%
水分	GB/T 6283	≤0.020	w%
乙醛+丙醛	GB/T 14491-2015	≤0.005	w%

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# PROPYLENE OXIDE

**Property** Propylene oxide is a colorless, volatile liquid, featuring high reactivity due to its three - membered ring structure, excellent water solubility, and the ability to undergo ring - opening polymerization with various compounds.

**Use** Mainly used for producing polyether polyols, propylene glycol, propylene glycol ethers, etc.; widely applied in fields such as cosmetics, skincare products, antifreeze, and polyurethane flexible foam products.

Testing Item	Testing Method	Index	Unit
Appearance	Visual inspection under natural light	Transparent liquid, no visible mechanical impurities	/
Propylene oxide	GB/T 14491-2015	≥99.95	w%
Colority	GB/T 6324.6	≤5	Pt - Co color scale
Acidity (as acetic acid)	GB/T 14491-2015	≤0.003	w%
Moisture	GB/T 6283	≤0.020	w%
Acetaldehyde + Propionaldehyde	GB/T 14491-2015	≤0.005	w%

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