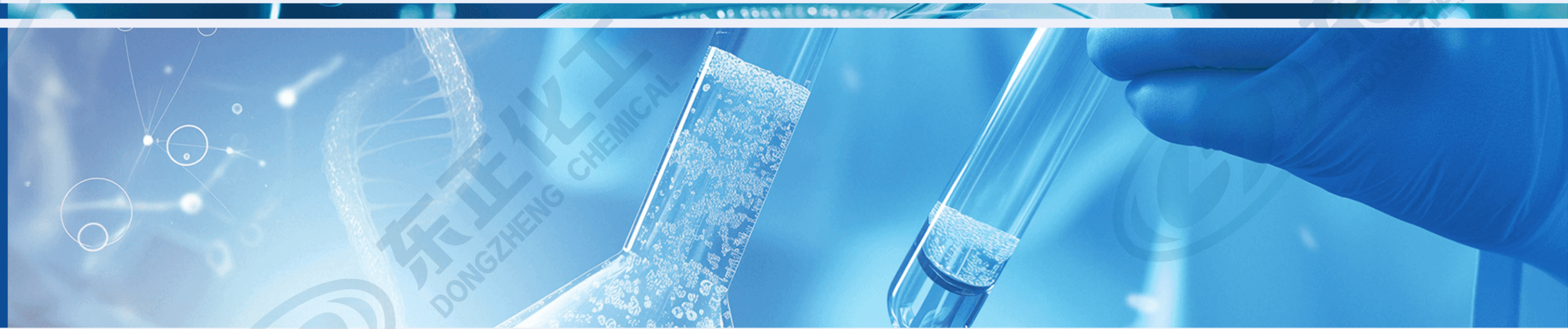


重铬酸钾（红矾钾）

Potassium Dichromate

(Red Chromate of Potash)



产品信息

【分子式】 $K_2Cr_2O_7$
【分子量】294.1846
【CAS号】7778-50-9
【外观】橙红色结晶或粉末

Product Information

【Molecular Formula】 $K_2Cr_2O_7$
【Molecular Weight】294.1846
【CAS Number】7778-50-9
【Appearance】Orange-red crystals or powder.

产品性质

● 物理化学性质

密度：2.676g/cm³，熔点：398°C，不吸湿，溶于水，不溶于醇，为强氧化剂，与有机物接触、摩擦或撞击可能引发燃烧。

● 包装

25KG 纸塑复合装。（可根据客户需求定制）

● 存储

储运时注意防潮、防热、防撞击，远离易燃物。不得与食品或强还原剂混存。如发生泄漏，可用10%硫酸及硫酸亚铁溶液还原处理，再用石灰中和。

技术指标

【执行标准】GB28657-2012

质量指标	指标		
	优等品	一等品	合格品
重铬酸钾（以计 $K_2Cr_2O_7$ 计） w/ % ≥	99.80	99.50	99.00
氯化物（Cl计） w/ % ≤	0.03	0.05	0.07
水不溶物 w/ % ≤	0.01	0.05	0.05
硫酸盐（以 SO_4^{2-} 计） w/ % ≤	0.02	0.05	0.05
水分 w/ % ≤	0.03	0.05	0.05
钠离子（以 Na^+ 计） w/ % ≤	0.40	1.00	1.50

Properties

● Physical and Chemical Properties

Density: 2.676g/cm³, Melting point: 398°C, Non-hygroscopic, soluble in water, insoluble in alcohol, it is a strong oxidizer and may cause combustion upon contact, friction or impact with organic matter.

● Packaging

25kg paper-plastic composite bag or customer specifications.

● Storage

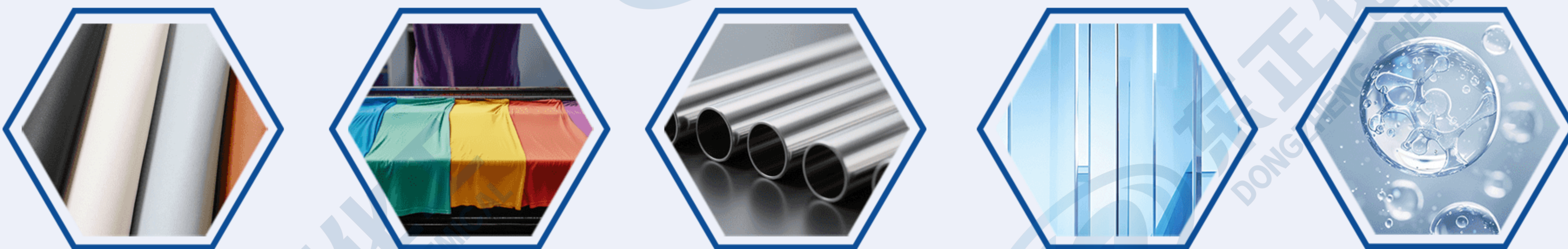
During storage and transportation, protect against moisture, heat, and physical impact. Maintain shock-resistant packaging. Store remotely from flammables. Shall not be co-stored with foodstuffs or strong reducing agents. In the event of a leakage incident, treat with 10% sulfuric acid solution followed by ferrous sulfate reduction and neutralize residual liquid with calcium hydroxide slurry.

Technical Indicators

【Standard】GB28657-2012

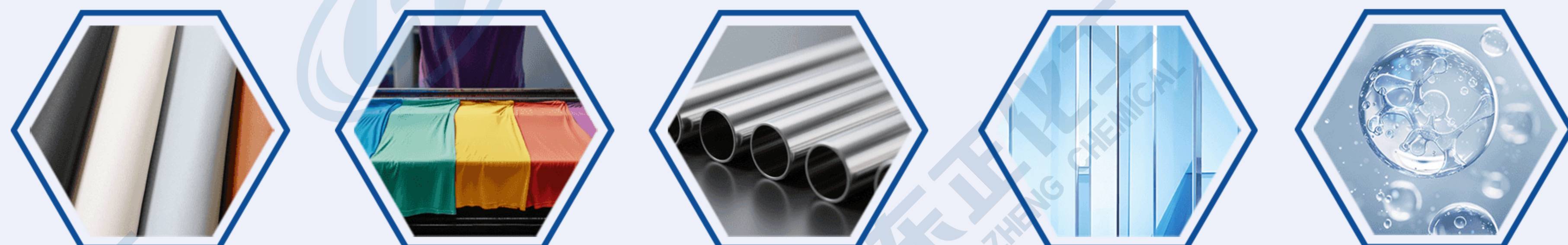
Quality Index	Standard		
	Superior products	First Grade	Qualified products
Potassium Dichromate (as $K_2Cr_2O_7$), w/% ≥	99.80	99.50	99.00
Chlorides (as Cl), w/% ≤	0.03	0.05	0.07
Water-insoluble matter, w/% ≤	0.01	0.05	0.05
Sulfates (as SO_4^{2-}), w/% ≤	0.02	0.05	0.05
Moisture, w/% ≤	0.03	0.05	0.05
Sodium ion (as Na^+), w/% ≤	0.40	1.00	1.50

应用领域



用于皮革、火柴、印染、化学、电镀等工业。

Application area



It is used in leather, matches, printing and dyeing, chemical, electroplating, and other industries.



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