

重铬酸钠 (红矾钠)

Potassium Dichromate (Red Chromate of Potash)



产品信息

【分子式】 $\text{Na}_2\text{Cr}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$

【分子量】298.02

【CAS号】7789-12-0

【外 观】鲜艳橙红色单斜针状或小粒方形结晶。

产品性质

● 物理化学性质

在空气中易潮解，溶于水形成橙色酸性溶液，在酸性介质中，重铬酸钠是一种强氧化剂。

● 包装

50KG高强复合袋或塑编袋内衬塑料袋包装。
(可根据客户需求定制)

● 存储

应避免与食品或强还原剂混存，贮运过程中防潮、防热、防击，远离易燃物。

技术指标

【执行标准】GB/T1611-2014

质量指标	指 标		
	优等品	一等品	合格品
重铬酸钠(以 $\text{Na}_2\text{Cr}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$ 计) w/ % ≥	99.50	98.30	98.00
硫酸盐(以 SO_4^{2-} 计) w/ % ≤	0.20	0.30	0.40
铁(以Na计) w/ % ≤	0.002	0.006	0.01
氯化物(以Cl计) w/ % ≤	0.05	0.10	0.15



Product Information

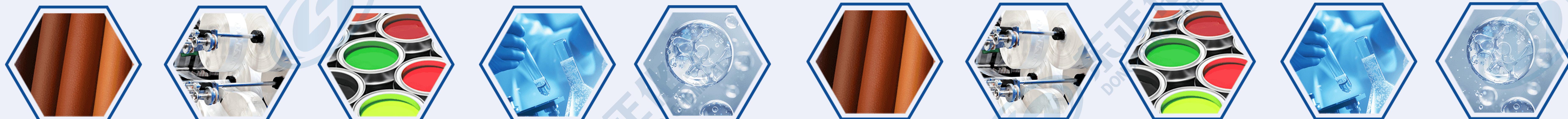
【Molecular Formula】 $\text{Na}_2\text{Cr}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$

【Molecular Weight】298.02

【CAS Number】7789-12-0

【Appearance】Bright orange-red monoclinic needle-like or small granular square crystals.

应用领域



用作生产铬酸酐、重铬酸钾、重铬酸铵、盐基性硫酸铬、铅铬黄、铜铬红、钡铬黄、氧化铬绿等的原料，生产碱性湖蓝染料、糖精、合成樟脑及合成纤维的氧化剂；医药工业用作生产胺苯砜、苯佐卡因、叶酸、雷佛奴尔等的氧化剂；印染工业用作苯胺染料染色时的氧化剂，硫化还原染料染色时的后处理剂，酸性媒染染料染色时的媒染剂；制革工业用作鞣革剂；电镀工业用于镀锌后钝化处理，以增加光亮度；玻璃工业用作绿色着色剂。

Properties

● Physical and Chemical Properties

It is hygroscopic under atmospheric conditions, forming an orange acidic solution, and exhibits strong oxidizing properties in acidic media.

● Packaging

Packed in 50kg high-strength composite bags or plastic woven bags lined with plastic bags.
(Customizable according to customer needs)

● Storage

Do not store with food or reducers; store in cool, dry place; avoid shock and heat; keep from flammables.

application area



It is used as a raw material for producing chromic trioxide, potassium dichromate, ammonium dichromate, basic chromium sulfate, lead chrome yellow, chrome red, copper chromite red, barium chromate yellow, and chromium oxide green. It is an oxidizing agent for producing organic intermediates such as an oxidant in the production of alkaline lake blue dyes, saccharin, synthetic camphor and synthetic fibers; In the pharmaceutical industry, it is used as an oxidizing agent for producing dapson, benzocaine, folic acid, rifampicin, and other drugs; In the dyeing industry, it is used as an oxidizing agent in aniline dye, a post-treatment agent in sulfur vat dyes, and a mordant in acidic mordant dyes; In the leather industry, it is used as a tanning agent; In the electroplating industry, it is used for passivation treatment after galvanizing to increase brightness; In the glass industry, it is used as a green colorant.



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