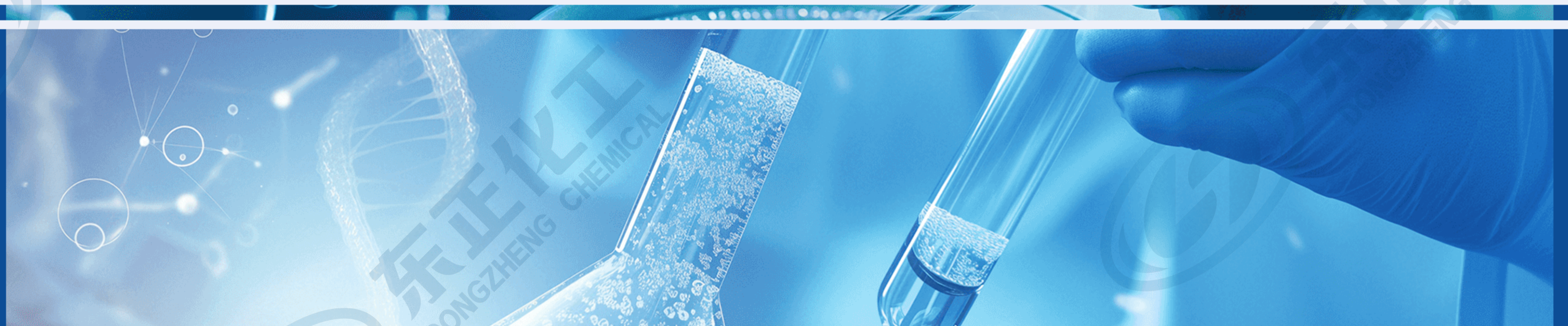


工业铬酸酐 Industrial Chromic Anhydride



产品信息

Product Information

【分子式】 CrO_3

【分子量】99.99

【CAS号】1333-82-1

【外观】暗红色片状物。



Product Information

【Molecular Formula】 CrO_3

【Molecular Weight】99.99

【CAS Number】1333-82-1

【Appearance】Dark red flaky solid

产品性质

Product Nature

● 物理化学性质

熔点 197°C (分解),比重2.70, 具有强氧化性, 高度潮解, 显著溶于水, 与有机物接触或摩擦可能引起燃烧。

● 包装

25KG/50KG袋装。(可根据客户需求定制)

● 存储

不得与易燃物(如油类、润滑脂、酒精、碱等)混存; 贮运时应防潮、防热、防击, 远离火源和易燃物。

技术指标

Technical Index

【执行标准】GB1610-2009

质量指标		指标		
		优等品	一等品	合格品
铬酸酐(以 CrO_3 计)	w/ % $\geq$	99.80	99.60	99.20
硫酸盐(以 SO_4^{2-} 计)	w/ % $\leq$	0.05	0.10	0.20
钠(以Na计)	w/ % $\leq$	0.04	—	—
浊度(以NTU计)	w/ % $\leq$	5.00	15.00	—
水不溶物	w/ % $\leq$	0.01	0.03	0.05

Properties

● Physical and Chemical

Melting point: 197°C (decomposition), specific gravity: 2.70, strong oxidizing properties, highly hygroscopic, significantly soluble in water, may cause combustion when in contact or friction with organic substances.

● Packaging

Industrial chromic anhydride is packed in sealed iron drums, with a net weight of 50 kg per drum.

● Storage

Keep away from flammable materials (such as oils, lubricants, alcohol, alkalis, etc.); during storage and transportation, keep dry, protect from heat, avoid impact and keep away from fire and flammable materials.

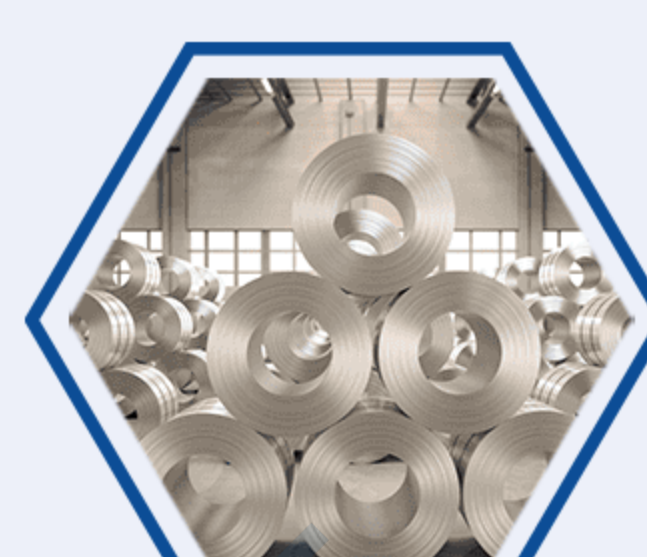
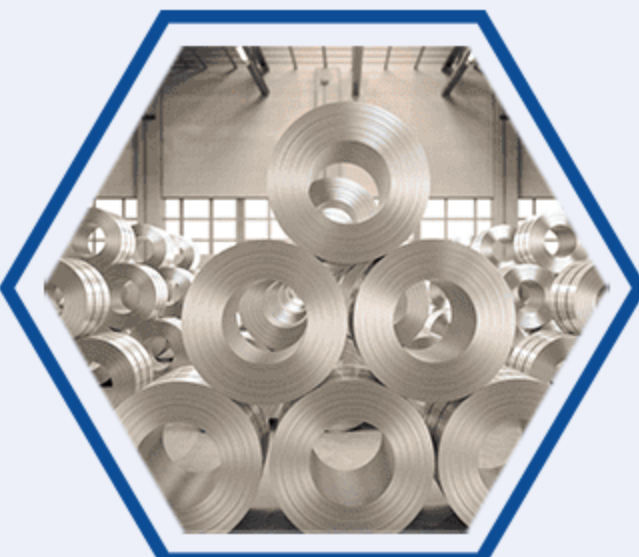
Technical Indicators

【Standard】GB1610-2009

Quality Index	Specification		
	Premium Grade	First Grade	Qualified Grade
Chromic anhydride (as CrO_3), w/% $\geq$	99.80	99.60	99.20
Sulfates (as SO_4^{2-}), w/% $\leq$	0.05	0.10	0.20
Sodium (as Na), w/% $\leq$	0.04	—	—
Turbidity (NTU), $\leq$	5.00	15.00	—
Water-insoluble matter, w/% $\leq$	0.01	0.03	0.05

应用领域

Industrial Chromic Anhydride



广泛用于镀铬、木材防腐、医药、催化剂、颜料、氧化剂、玻璃着色、氧化触媒制造及织物染媒等。

Application area

Primary applications include chrome plating, wood preservatives, pharmaceuticals, catalysts, pigments, oxidizing agents, glass coloring, oxidation catalyst production, and textile dyeing mordants.



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