

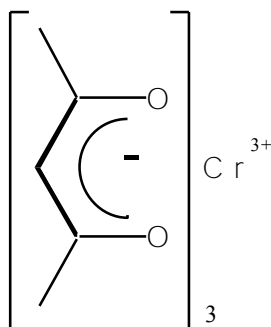
Technical Data

Mackenzie Company, LLC

METAL ACETYLACETONATES

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CHROMIUM ACETYLACETONATE



Tris (2,4-Pentanedionato) Chromium (III)

Physical Properties

Form and Appearance: Reddish-Violet

Molecular Weight: 349.33

Boiling Point: 340° C

Solubility: g/100 ml. Solvent @ 25° C
4.70 Methyl Alcohol
23.0 Benzene

Other

Boils without decomposition at 340° C giving off a green vapor. Will sublime at 100° C

Specifications

Insolubles: 0.30 (wt) % MAX

Volatiles: 0.30 (wt) % MAX

Melting Point: 210° C Minimum

Chemical

Composition

Chromium: crystalline powder	14.9 %
Carbon:	51.6 %
Hydrogen:	6.0 %

Suggested Uses

Combustion control catalyst for rocket fuels
Antiknock for gasolines
Catalyst for a wide range of applications
Carbon scavenger for fuel oils
Oxidation catalyst
Stabilizer for Nitro-Parafins
Pigment
Intermediate in the preparation of organic chromium compounds

Availability

Available in commercial quantities