

ELEMENTIS

CHROMIUM

SPECIFICATION AND DATA SHEET

Elementis Chromium
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CA21 – CHROMIC ACID

GENERAL DESCRIPTION AND CHARACTERISTICS

Dark red free flowing crystals, Approx. 2mm in diameter.
Synonyms; Chromium trioxide, Chromic anhydride, Chromium (VI) oxide.
Molecular formula, CrO_3 .
Molecular weight, 99.99.
EEC no. 215-607-8.
CAS no. 1333-82-0.
True density 2.7g/cm³.
Bulk density approx. 1.7 g/cm³
Very hygroscopic and deliquesces readily in air.
Soluble in water (62%w/w @20c), forming a strong acid which is corrosive and oxidising.
Melting point 196c, decomposes releasing oxygen with further heating.

SPECIFIED CHARACTERISTICS – Timber Grade

	<u>Maximum</u>	<u>Minimum</u>
%CrO ₃		99.4
%SO ₄	0.40	
%Insoluble	0.02	
%<0.25mm	2	

PACKAGING

This product is supplied in Bulk containers (Flobins), 1600kg.

A DETAILED SAFETY DATA SHEET IS AVAILABLE ON REQUEST