ATLANTIC EQUIPMENT ENGINEERS
HIGH PURITY METALS & COMPOUNDS

CR-102-105
Chromium Powder, Electrolytic

CR 102 - 105	
Formula	Cr
Purity	99.8% min metals basis
Particle size	1-5 microns-<100 mesh

Typical Chemistry		
Elements	**CR 103-105**	**CR 102**
Carbon	0.012	0.17
Iron	<0.20	5%
Aluminum	<0.001	0.046
Sulfur	0.016	0.025
Nitrogen	0.0048	-
Silicon	0.009	0.058
Oxygen	0.50	-
Chromium	99.8% min	As available

Particle Size		
	Size	Typical results
CR 102	1–5-micron APS	4.8 micron APS
CR 103	-325 mesh	99% -325 mesh
CR 104	Plasma Spray Grade	-100+325 mesh
CR 105	-100 mesh	98% -100 mesh

Chromium has a wide range of applications for use in metallurgy, metal ceramics, alloys, for use in diamond tool manufacturing, and its most common usage is for Chromium plating. In fact, Chromium plating results in a perfect surface, which is hard and shiny and protects the metal surface while preventing corrosion. In addition, Chromium can be used as a catalyst, and gives a green color to glass.
In addition to our powders listed above, we can also offer chromium nano-powders, and aluminothermic chromium powder.

24 Industrial Ave, Upper Saddle River, NJ 07458
On the web at: www.micronmetals.com Email to: info@micronmetals.com



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