



VISHNU CHEMICALS

POTASSIUM DICHROMATE

PHYSICAL DATA SHEET





POTASSIUM DICHROMATE



USED IN:

- CHROMIUM COMPOUNDS
- ELECTROPLATING
- PYROTECHNICS AND EXPLOSIVES
- PIGMENT PREPARATION

Physical Properties

Appearance	-----	Fine red orange crystalline solid
Chemical Formula	-----	$K_2Cr_2O_7$
Molecular Weight	-----	294.19
Bulk Density	-----	1.4 to 1.6
Solubility in water	-----	6.5% at 10 Deg C
Odor	-----	Odorless

Analytical Data

Assay, Wt% min	-----	99.0%
PH of 5% Solution	-----	8.6 to 9.8
Sulphate, Wt% Max	-----	0.25%
Chloride, Wt% Max	-----	0.2%

Usage

- Chromium source in preparing chromium compounds.
- Electroplating.
- Pyrotechnics and explosives
- Pigment preparation

Packaging

- 25 Kg or 50 Kg inner layer polyethylene, outer layer polypropylene bags
- 1000 Kg big bags palletized and shrink wrapped.

Storage

Store in cool and dry place, and tightly closed.

Health & Safety Precautions

- Harmful effect on skin and eye
- Avoid breathing the dust