

COBALT CARBONATE

01	PRODUCT NAME	COBALT Carbonate
	- COMMON NAME	COBALT CARBONATE
	- TECHINCAL NAME	COBALT CARBONATO
02	PRODUCT DETAILS	CoCO3
	MOLECULAR FORMULA	
	STRUCTURAL FORMULA	C-Co-O3
	MOLECULAR WEIGHT	118.42 Gms/Mole
	CAS NO	513-79-1
	IUPAC NAME	CARBONATE OF COBALT
03	- PURITY	98% BY WT.
	MAIN IMPURITES	Pb – Less than 20 PPM Fe - Less than 20 PPM Sn - Less than 20 PPM Zn: Less than 30 PPM Cu: Less than 05 PPM SO4: Less than 05 PPM Na: Less than 10 PPM HUMIDITY < 1%
	COLOR	PINKISH CRYSTALS
	COBALT CONTENT	48%
04	- PHYSICAL PROPERTIES	
	SOLUBILITY	INSOLUBLE IN WATER SOLUBLE IN DILUTE AMMONIA
	NATURE (ACIDIC/BASIC)	SLIGHTLY ACIDIC
	BOILING POINT	900 °C
	MELTING POINT	357 °C
	DENSITY	4.258 g/mL at 25 °C(lit.)
05	PACKING DETAILS	50 KG UN APPROVED FIBER DRUMDOUBLE LINED PP BAGS AS INNER PACKING
06	PRODUCTION CAPACITY	500 KILOS PER DAY

	MONTHLY	15 MT PER MONTH
	YEARLY	180 MT PER YEAR
07	DISPATCH DETAILS	20 MT IN 20FT CONTAINER WITHIN 10 DAYS AFTER CONFIRMATION
08	LOGISTIC DETAILS	BY SEA, TRUCK LOAD QUANTITIES LESS THAN 1 MT CAN BE ARRANGED BY AIR ALSO.
09	APPLICATION OF THE PRODUCTS	CERAMIC PIGMENTS OPTICAL COATING INTERMEDIATES REAGENTS PHOTOVOLTAIC SPUTTERING