

TECHNICAL DATA SHEET

CAS NO : 12070-12-1

TUNGSTEN CARBIDE POWDER (NANO POWDER) (WC)
PHYSICAL ANALYSIS :

COLOUR : GREY BLACK LUSTROUS

APPERENCE: POWDER FORM

PARTICLE SIZE: FSSS 0.7 μ - 2 μ

OXYGEN : 0.02 % - 0.3 % MAXIMUM

TOTAL C : 6.10 % - 6.18 %

FREE C : 0.06 % - 0.08 %

DENSITY : 15.7 g/cm³

MELTING POINT : 3143 K, 2870 °C, 5198 °F

FLASH POINT : FLAMMABLE

ASSAY : \geq 99.98 % TRACE METALS BASIS
CHEMICAL ANALYSIS :

M.W : 195.85 g/mol

PARAMETERS	SPECIFICATION
Al	< 10 ppm
As	< 10 ppm
Ca	< 15 ppm
Cr	< 20 ppm
Fe	< 50 ppm
K	< 10 ppm
Mg	< 10 ppm
Mo	< 80 ppm
Na	< 20 ppm
Ni	< 10 ppm
Si	< 10 ppm
Cu	< 10 ppm
Mn	< 10 ppm
Co	< 20 ppm
Sn	< 10 ppm

PACKING : 100 % VERGINE HIGH DENSITY BAGS 20 KG, 30 KG, 50 KG IN HDPE DRUMS