

POWDERS

GRANULATED TUNGSTEN POWDER

TECHNICAL DATA

PRODUCT DESCRIPTION

Granulated tungsten is processed by pressing, sintering, and crushing to produce coarse mesh size particles. Larger pressed pucks are also available.

APPLICATIONS

Hardfacing, accelerators, and catalysts.

TYPICAL CHARACTERISTICS

Product Type	Physical Analysis				Product Code (Material Master)
	Mesh	Wt. %	Mesh	Wt. %	
-12 +20	+12	0 – 5.0	-20	0 – 5.0	5871843
-12 +40	+12	0 – 5.0	-40	0 – 5.0	6296939
-20 +40	+20	0 – 5.0	-40	0 – 5.0	5871845
Pressed Pucks	1.185" dia. and 1.625" dia. – typical thickness 0.5"				

Element	Chemical Analysis – Wt. %			
	Sintered and Crushed		Pressed Pucks	
	Typical	Max.	Typical	Max.
Al	≤ 0.005	0.01	≤ 0.005	0.01
C	≤ 0.005	0.1	≤ 0.005	0.1
Fe	≤ 0.05	0.1	≤ 0.05	0.1
Cu	≤ 0.005	0.02	≤ 0.005	0.02
Ni	≤ 0.02	0.05	≤ 0.02	0.05
Cr	< 0.01	0.05	≤ 0.005	0.02
K	≤ 0.002	0.003	≤ 0.002	0.003
S	≤ 0.002	0.01	≤ 0.002	0.01
O ₂	≤ 0.04	0.1	≤ 0.07	0.1
Mo	≤ 0.05	0.1	≤ 0.05	0.1
W	99.8% Min. Excluding Gases		99.8% Min. Excluding Gases	

PACKAGING

Product ships in 17-gallon metal drums (up to 250 kg per container).

Kennametal manufactures sophisticated materials, solid carbide, alloy castings, and machined parts that resist wear, corrosion, and abrasion. Information provided in this document is intended only for general guidance about Kennametal products and is the best information in our possession at the time. Product users may request information about their individual use of our products, but Kennametal does not warrant or guarantee this information in any way. Selection and purchase of Kennametal products is the sole responsibility of the product user based on the suitability of each use. Kennametal cannot know or anticipate the many variables that affect individual product use, and individual performance may vary. For these reasons, Kennametal does not warrant or guarantee advice or information in this document, assumes no liability regarding the same, and expressly disclaims any warranty of any kind, including any warranty of fitness for a particular purpose, regarding the same.

Contact Us

k-hntv.inside-sales@kennametal.com
Tel: +(888) 777-6852



kennametal.com