

POWDERS

CRYSTALLINE TUNGSTEN POWDERS

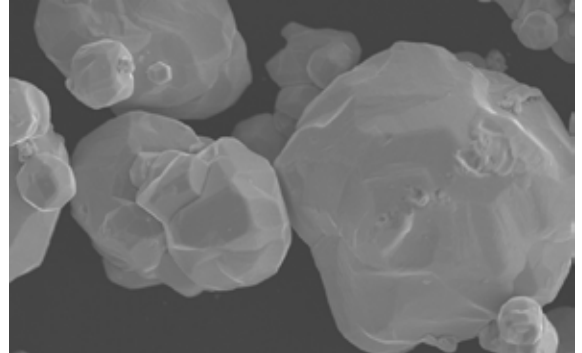
TECHNICAL DATA

PRODUCT DESCRIPTION

Kennametal manufactures high-quality crystalline tungsten powders using an automated reduction of doped tungsten oxide.

APPLICATIONS

Electrical contacts, particle guns, catalysts, tungsten mill products, various oil and gas applications, and radiation shielding.



Standard Crystalline W Powder "100x" SEM

TYPICAL PHYSICAL PROPERTIES

Product Type	Product Code (Material Master)	Mesh Size		Total Oxygen (wt.%)	Scott Density g/in ³
		Range	%		
-60/+200	6868324	+60	≤5	≤0.050	90–115
		+200	≥90		
		-200	≤8		
-100	5940281	+100	0	≤0.050	105–125
		+200	20–45		
		+325	20–45		
		-325	20–45		
-200/+325	5871881	+200	≤10	≤0.080	110–140
		+325	≥80		
		-325	≤10		
-325	6386154	-325	≤20	≤0.080	120–150
		+325	≥80		

Custom specs and COA's are available but may incur additional fee.

Tap density analysis, customer-specific Scott density ranges, and particle size distribution by Malvern are all available on request.

Customer-specific Mesh ranges are available (60/100/170/200/230/270).

Purity: All products showing have purity of ≥99.95%.

PACKAGING

Product ships in polyethylene bags within the following containers:

- 3.5-gallon pails (up to 50 kg per container).
- 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.

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