

POWDERS

CRYSTALLINE TUNGSTEN POWDERS

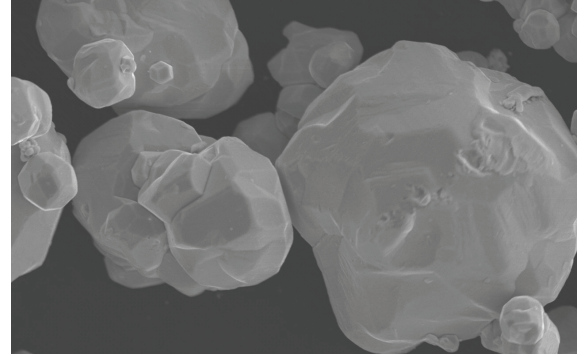
TECHNICAL DATA

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	Scott Density g/in ³
-60 +200	6868324	+60	≤0.050	≤ 5
		+200		≥ 90
		-200		≤ 8
-100	5940281	+100	≤0.050	0
		+200		20–45
		+325		20–45
		-325		20–45
-200 +325	5871881	+200	≤0.080	≤ 10
		+325		≤ 80
-325	6386154	-325	≤0.080	≤ 10
		+325		≤ 20

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).

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Contact Us

k-hntv.inside-sales@kennametal.com

Tel: +(888) 777-6852



kennametal.com