

Amperit[®] 140

Chemical Formula	W
Chemical Name	Tungsten
HS Number	81011000

Particle Sizes Available	Product Designation	
	Amperit [®] 140.002	90/45 µm
	Amperit [®] 140.001	45/22 µm
	Amperit [®] 140.071	25/ 5 µm

Chemical Characteristics

(Mass fraction in % [cg/g]; ppm [µg/g])

Fe	max. 0.1 %
O	max. 0.1 %
N	max. 0.1 %
C	max. 0.1 %

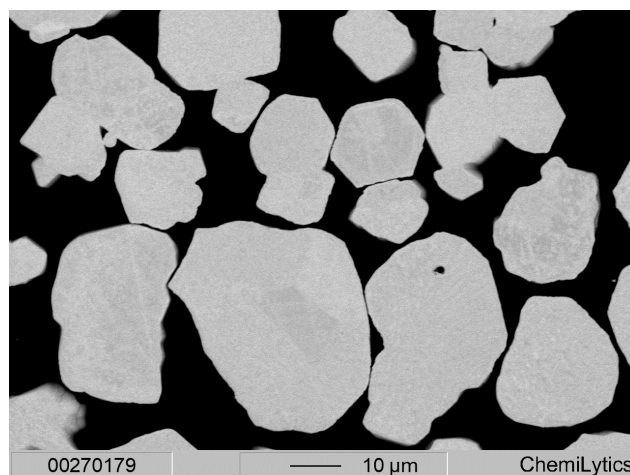
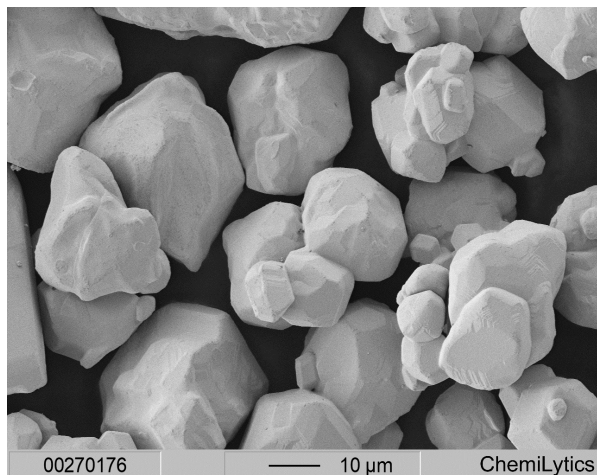
Physical Characteristics

Particle Size Distribution

Typical Range	140.002	140.001
+ 90 µm ¹⁾	max. 5 %	
- 45 µm	max. 5 %	
MV ²⁾		35 - 45 µm
D 90 %		55 - 65 µm
D 50 %		32 - 42 µm
D 10 %		20 - 25 µm
Typical Range	140.071	
+ 25 µm ³⁾	max. 10 %	
- 5 µm	max. 10 %	

1) ROTAP Screening per ASTM B 214, 2) MICROTRAC by Laser Light Diffraction per ASTM C 1070,
3) ALPINE Air Jet Screening.

SEM pictures⁴⁾



Packaging	Standard Packaging 5 kg in one 2.5 l PE bottle, 6 bottles (30 kg) in one cardboard box.
Storage and Handling	Storage and handling are subject to the rules and regulations in the country of use.
Hazards identification in Advertising (REGULATION (EC) No 1272/2008 Article 48)	None.
Documentation	An inspection document in accordance with EN 10204 is supplied with every shipment.
Remarks	Always mix well before using.

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