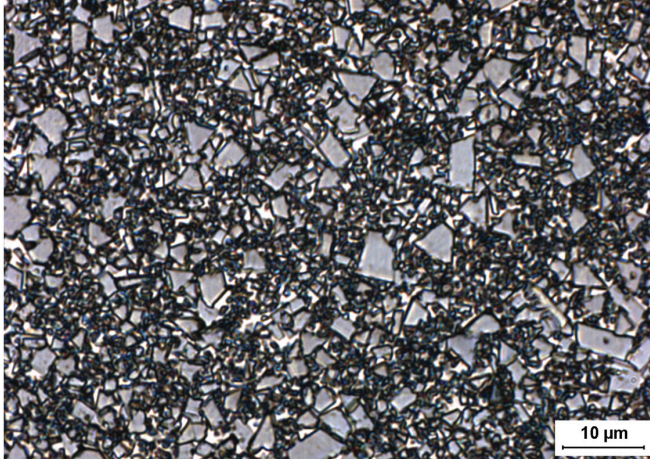




GC-608M



Microstructure

Composition

Tungsten Carbide (Mixed)	92.0%
Cobalt	8.0%

Physical Properties

Hardness, HRA (ASTM B294)	89.5 - 91.0
Density, g/cc (ASTM B311)	14.60 - 14.83
Average Transverse Rupture Strength, psi (ASTM B406)	490,000
Typical Porosity (ASTM B276)	A02-B00-C00

PERFORMANCE CHARACTERISTICS

	LESS	MORE
Wear Resistance	■ ■ ■ □ □	
Impact Resistance	■ ■ ■ □ □	
Galling Resistance	■ □ □ □ □	
Corrosion Resistance	■ □ □ □ □	

Grade Attributes

The combination of coarse and fine tungsten carbide grains provides this grade with moderate mechanical properties as well as with moderate wear and corrosion resistance.

Typical Applications

- > Wire-Flattening Rolls
- > Hot Aluminum Extrusion Dies

*To ensure the highest metallurgical quality,
General Carbide processes all grades in
sinter-HIP furnaces.*

Please visit our website for the latest grade specification information.



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