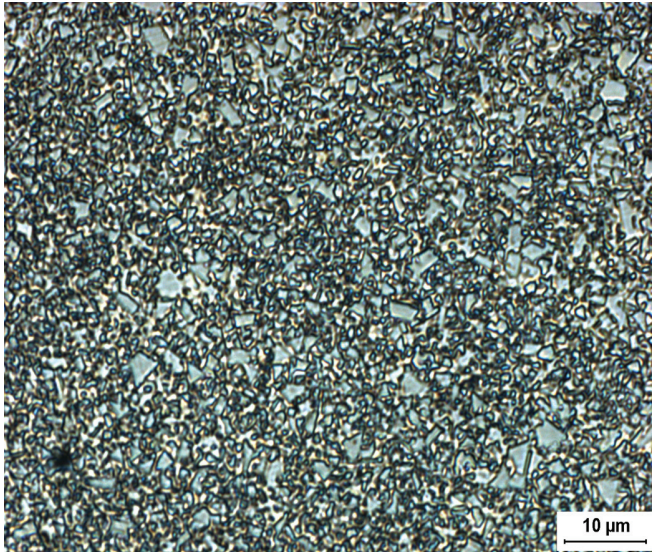




## GC-209



**Microstructure**

### Composition

Tungsten Carbide (Fine)	91.0%
Cobalt	9.0%

### Physical Properties

Hardness, HRA (ASTM B294)	90.5 - 92.0
Density, g/cc (ASTM B311)	14.49 - 14.70
Average Transverse Rupture Strength, psi (ASTM B406)	515,000
Typical Porosity (ASTM B276)	A02-B00-C00

### PERFORMANCE CHARACTERISTICS

	LESS				MORE
<b>Wear Resistance</b>	■	■	■	□	□
<b>Impact Resistance</b>	■	■	□	□	□
<b>Galling Resistance</b>	■	□	□	□	□
<b>Corrosion Resistance</b>	■	□	□	□	□

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

### Grade Attributes

The fine carbide particle size coupled with the intermediate binder content provides a moderately wear resistant grade with sufficient corrosion resistance.

### Typical Applications

- > Wire Drawing Inserts and Dies
- > Wire Flattening Rolls
- > Wear resistant Structural Elements like  
Wear Sleeves, Rods, Rings, & Bushings

**Please visit our website for the latest grade specification information.**



**GENERALCARBIDE®**

1151 Garden Street  
Greensburg, PA 15601-6417 USA

T 800.245.2465 • 724.836.3000  
F 800.547.2659 • 724.836.6274

sales@generalcarbide.com  
www.generalcarbide.com