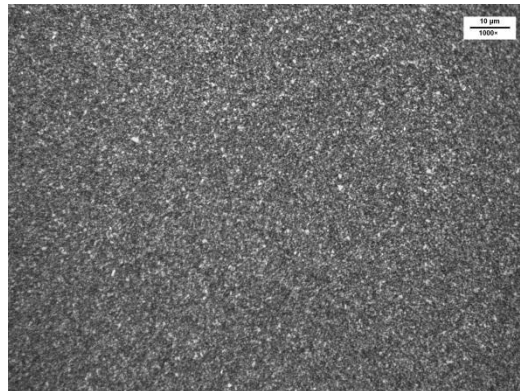


**Submicron Cemented Carbide Grade [salesdepartment@zccamerica.com](mailto:salesdepartment@zccamerica.com)**

**Chemical Content (Wt/Wt %)**

Co+Ni	3.0%
WC	Balance



**Physical and mechanical properties**

Density(g/cm <sup>3</sup> )	ISO3369	15.25 ± 0.05
Hardness HV3	ISO3878	2090 ± 10
TRS(N/mm <sup>2</sup> )	ISO3327 B sample	2200-2400

**Micro Structure**

Micro porosity	ISO4505	
A (<10 μ m)	:	≤02
B (10-25 μ m)	:	≤00
C	:	≤00

Grain Size (micron)	ISO 4499 :	0.2-0.5um
η phase	ISO 4499 :	E00

**Recommended applications**

Suitable for machining chip board, medium & high-density fiberboard and aluminum alloy.