

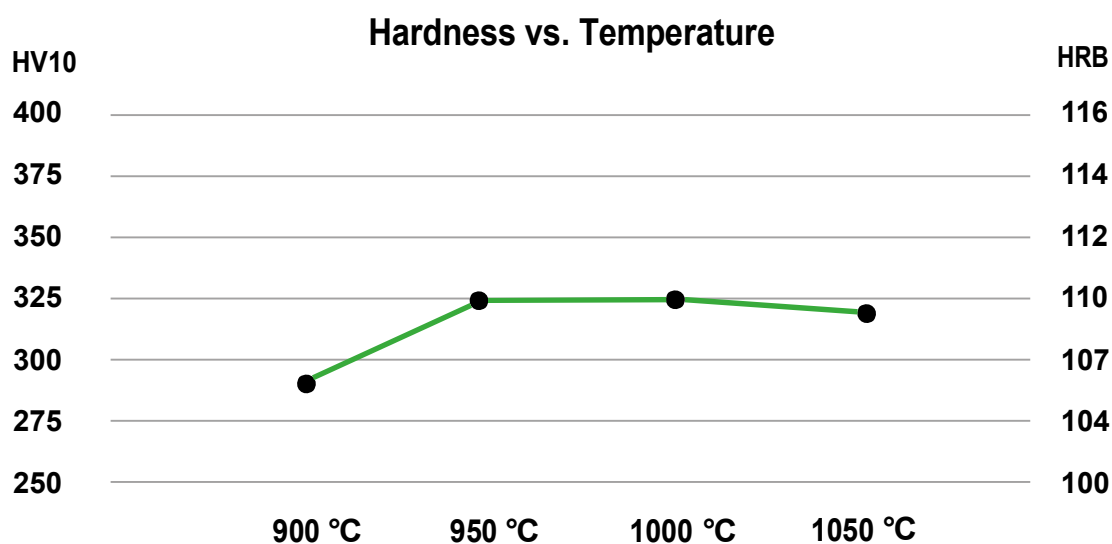
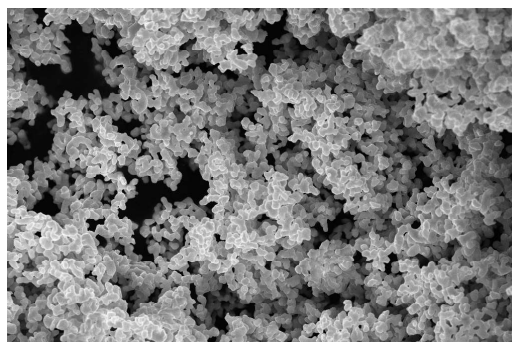
# SHU POWDERS

**CoMat SP FS**  
**Free Sintering**

Shu Cobalt Series

Particle Size FSSS	[ $\mu\text{m}$ ]	1,4 +/- 0,10
Apparent Density	[ $\text{g}/\text{cm}^3$ ]	0,6 - 1,00
Oxygen Content	[%]	0,3 - 0,5
Co Content	[%]	$\geq 99,85 - 99,99$

Hardness: HB = 0,95 HV



Tolerance: +/- 10 HV10

Free Sintering Data (recommended):

Cold Pressure	[ $\text{kN}/\text{cm}^2$ ]	35 - 60
Pressure Change Temperature	[°C]	950
Sintering Temperature	[°C]	985
Dwell Time	[min]	30 - 60
Atmosphere	[min]	H <sub>2</sub> or N <sub>2</sub> H <sub>2</sub>

**Powder granulation on request**

**Sole European Distributor for Shu Cobalt Powders into Diamond Tooling industry**

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