

HNT Diamond High Performance Powders

For Consolidation via Spark Plasma Sintering or High Pressure High Temperature (HPHT)

		HNT Diamond	
Composition	Diamond	22.6 / 55.4	wt/vol%
	WC	67.8	wt%
	Co	9.6	wt%
SPS Parameters (Recommended)	Temperature	<1200	°C
	Hold Time	8	min
	Pressure	80	MPa
Sintered Properties	Density	8.48	g/cm ³
	Hardness	n/a	HV ₃₀
	Palmqvist Toughness	n/a	MPa√m

