



---

**PRODUCT DATA SHEET**

AVERAGE PHYSICAL AND MECHANICAL PROPERTIES

MATERIAL GRADE G6029

---

<b>Composition</b>	<b>Tungsten Carbide 9% Nickel Binder</b>
Specific Gravity (g/cm <sup>3</sup> )	14.65
Hardness (Shore)	90
Compressive Strength (Mpa)	3895
Flexural Strength (MPa)	1896
Modulus of Elasticity (Youngs) GPa	
C.T.E. (m/m/k)	
Thermal Conductivity (W/mK)	

---

THE PHYSICAL CHARACTERISTICS OF THIS MATERIAL VARY SLIGHTLY DUE TO PART SIZE AND CONFIGURATION, THEREFORE THE ABOVE VALUES SHOULD BE CONSIDERED ONLY AS TYPICAL.