

Specification Sheet

Titanium Diboride Nanopowder

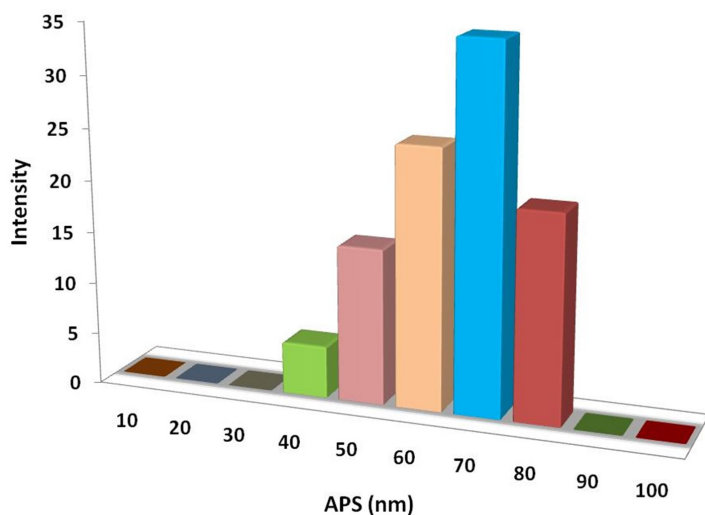
(TiB₂, Purity: 99.9%, APS: < 80 nm)

Stock No: NS6130-02-212, CAS: 12045-63-5

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|------------------------------|---|-----------------------------------------|
| Product | : | Titanium Diboride Nanopowder |
| Stock No. | : | NS6130-02-212 |
| CAS | : | 12045-63-5 |
| APS | : | < 80nm |
| Purity | : | 99.9 % |
| Molecular Formula | : | TiB ₂ |
| Molecular Weight | : | 69.489 g/mol |
| Form | : | Powder |
| Color | : | Gray |
| Density | : | 4.52 g/cm ³ |
| Melting Point | : | 3230 °C |
| Poisson's Ratio | : | 0.11 |
| Young's Modulus | : | 290 GPa |
| Solubility | : | Insoluble in water |
| Main Inspect Verifier | : | Manager QC |

Note: Product Specification are subject to amendment and may change over time

Characterization of Titanium Diboride Nanopowder



Particles Size Analysis



Titanium Diboride Nanopowder