## **China Tungsten NT3 Titanium Carbonitride Alloy**

Category : Ceramic , Carbide

## Material Notes:

Titanium carbonitride base alloy, also called cermets, with of high hardness, good red hard-ness and wear resistance, medium toughness, high corrosion resistance to acids and alkalis and hi-temperature oxidation resistance, and low density, used as tool materials for manufacturing cars, tractors and other engine industries; bet for cutting of carbon steel, low and medium alloy steels, and gray cast iron; of high cutting speeds, long tool life and high surface finish also used in seal rings and housings in manufacturing of chemical engineering equipment.Information provided by China Tungsten

## Order this product through the following link: http://www.lookpolymers.com/polymer\_China-Tungsten-NT3-Titanium-Carbonitride-Alloy.php

| Physical Properties | Metric    | English      | Comments |
|---------------------|-----------|--------------|----------|
| Density             | 6.40 g/cc | 0.231 lb/in³ |          |

| Mechanical Properties | Metric   | English    | Comments |
|-----------------------|----------|------------|----------|
| Hardness, Rockwell A  | 91.5     | 91.5       |          |
| Flexural Strength     | 1500 MPa | 218000 psi |          |

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