

Eifeler Coatings Technology TiCN PVD Coating

Category : Ceramic , Nitride , Other Engineering Material , Ceramic/Metallic Coating

Material Notes:

Key Characteristics: high hardness excellent abrasive wear resistance, enhanced toughness
Primary Applications: machining of difficult to machine alloy steels; high performance cutting where moderate temperatures are generated at the cutting edge; excellent for metal forming; machining of aluminum alloys; orthopedic instrumentation
Information provided by Eifeler Coatings Technology

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eifeler-Coatings-Technology-TiCN-PVD-Coating.php

Physical Properties	Metric	English	Comments
Thickness	2.00 - 4.00 microns	0.0787 - 0.157 mil	

Mechanical Properties	Metric	English	Comments
Vickers Microhardness	3000 - 4000	3000 - 4000	
Coefficient of Friction	0.20	0.20	dry, steel

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	400 °C	752 °F	

Descriptive Properties	Value	Comments
Color	blue gray (antracite)	

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