

Eifeler Coatings Technology SISTRAL® AlTiN PVD Coating

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

Material Notes:

Key Characteristics: extreme wear resistance at high temperature, excellent oxidation resistance
Primary Applications: excellent choice for cutting under extreme conditions (hard abrasive materials, high temp, high speed, dry cutting); machining of hardened steel >54HRc; nickel-based alloy machining; stamping of stainless steels
Information provided by Eifeler Coatings Technology

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eifeler-Coatings-Technology-SISTRAL-AlTiN-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	0.70	0.70	dry, steel

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	900 °C	1650 °F	

Descriptive Properties	Value	Comments
Color	anthracite	

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