

## Eifeler Coatings Technology TIGRAL AlCrTiN PVD Coating

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

### Material Notes:

Key Characteristics: high warm hardness, very high oxidation resistance, high protection against abrasive wear  
Primary Applications: warm forming, hot forging, and die casting; coating for milling with carbide, cermet and high speed steel tools; machining under dry conditions; available with in-situ Duplex treatment  
Information provided by Eifeler Coatings Technology

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Eifeler-Coatings-Technology-TIGRAL-AlCrTiN-PVD-Coating.php](http://www.lookpolymers.com/polymer_Eifeler-Coatings-Technology-TIGRAL-AlCrTiN-PVD-Coating.php)

Physical Properties	Metric	English	Comments
Thickness	3.00 - 5.00 microns	0.118 - 0.197 mil	

Mechanical Properties	Metric	English	Comments
Vickers Microhardness	3000 - 3600	3000 - 3600	
Coefficient of Friction	0.60	0.60	dry, steel

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

Descriptive Properties	Value	Comments
Color	dark gray	

## Contact Songhan Plastic Technology Co.,Ltd.

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