

Eifeler Coatings Technology DUMATIC TiCN PVD Coating

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

Material Notes:

This layer combines the advantages of Duplex-TiCN and FORMATIC®. The new DUMATIC layer is always manufactured as a Duplex version, therefore with a plasma diffusion process of the base material. The layer itself has a structured multi-layer design with high content of TiC (approx. 4000 HV!). The uppermost layer is developed as slide-favorable and colored sealing coat. Information provided by Eifeler Coatings Technology

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eifeler-Coatings-Technology-DUMATIC-TiCN-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	3200 - 4200	3200 - 4200	
Coefficient of Friction	0.25	0.25	dry, steel

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

Descriptive Properties	Value	Comments
Color	reddish-gray	

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