

AlCrN Aluminum Chromium Nitride-based coating

TECHNICAL SPECIFICATIONS

SIGLA:	AlCrN
DUREZZA in HV 0.05:	≈ 3 000
TEMPERATURA di DEPOSITO in C°:	< 450
MASSIMA TEMPERATURA di UTILIZZO in C°:	≈ 900
COEFFICIENTE DI ATTRITO:	0,55/ 0,60
SPESSORE IN μm:	2 / 4



MAIN FEATURES

Nanolayer
High operating temperature
Abrasive wear resistance
High toughness
Compressive strength
Low thermal conductivity



FIELDS OF APPLICATION

Deformation
Tools for forming
Aluminum die casting
Gear cutting
Chip removal

