PrimCoat India

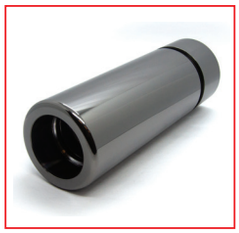
HP Cera

HP Cera

Due to the high adhesion to the substrate, HP Cera coating allows longer tool life.

Components

HP Cera was developed for wear protection, low coefficient of friction and excellent sliding properties. It is the best option for applications with low or dry lubrication. Typical applications are engine and machine components, as well as moving mold & die parts.

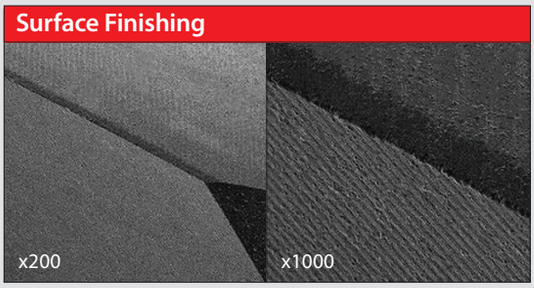


Cutting Tools

HP Cera is excellent for machining Aluminum Alloys and Non-Ferrous Materials due to its low coefficient of friction!

Surface Roughness

The combination of low roughness, high resistance to abrasion, and heat tolerance allows a longer tool life.



Composition	Color	Structure	Hardness (GPa)	Thickness (µm)	Oxidation Temperature (°C)	Coefficient of Friction	Surface Roughness (Ra)	Properties	Application
Cr Based	Dark Grey	Multilayer	30 GPa	2.5 ~ 3.5 µm	550°C	0.1	0.04 ~ 0.10	High toughness, low friction coefficient and friction wear resistance, excellent sliding properties.	Machining of aluminum alloys and aon ferrous materials. Plastic injection.

Available in Low Temperature, for more information, please contact our sales department.

P					H					M	K		N			S			-
Carbon Steel			Alloy Steel	Tool Steel	Pre-Hardened Steel Hardened Steel					Stainless Steel	Cast Iron	Ductile Cast Iron	Copper Alloy	Aluminum Alloy	Plastic	Titanium Alloy	Heat Resistant Alloys	Inconel®	Graphite
C ~0.25%	C0.25% ~0.45%	C 0.45%~	SCM	SKD SKS	~35 HRC	35~45 HRC	45~50 HRC	50~62 HRC	62~70 HRC	SUS	GG	GGG	Cu	AL	-	Ti			-
													◎	◎	○				

◎ Excelent ○ Good

PrimCoat

PrimCoat PVD Technology India Private Limited

Pune Plant
Plot No. G-22, MIDC Phase II
Chakan Industrial Area - Savardari Village
Tal Khed, Pune - 410 501
Maharastra, India

Bangalore Plant
Plot No: 22-J2, Attibele Industrial Area
Survey Nº 125, 126,127 - Ichhangur Village
Attibele Hobli, Anekal Taluk, Bangalore- 562 107
Karnataka, India

Chennai Plant
Plot No: K-16, Phase II
SIPCOT Industrial Park - Mambakkam Village
Sriperumbudur Taluk, Kancheepuram - 602105
Tamil Nadu, India

raman@primcoat.com | www.primcoat.com | Tel.: +91 755 022 3546

www.primuscoating.com