



Hexagonal Boron Nitride Coatings

JD Nano-BNC80 is a grade widely used in the aluminum industry. JD Nano-BNC80 is more delicate and lubricated, with good adhesion and erosion resistance. It plays a lubricating role in aluminum bar casting machines.

Because it is neutral, it does not corrode metal mold. It is commonly used for large-area painting of launder, material spoon, lifting pipe, etc. It has higher cost performance.

We can provide blue or white products according to your needs. Blue coatings are added with inorganic pigments. There is no difference in performance between white or blue paint. It just plays as indicated color.

You can better distinguish the coating quality from the white substrate.

JD Nano-BNC80 is a nano fine grinding coating which processes based on JD Nano-BNC80.

Item	JD Nano-BNC80
Color	White, unless specified blue
PH	6
Max temperature	1000°C-Air 1400°C-Vacuum 1800°C-Inert
Solvent	Water
Dried composition(%)	80% BN,20% Al ₂ O ₃
Lubricate	☆☆☆☆☆
Settlement rate (%, 24H)	3
Adhesion	☆☆☆☆☆
Viscosity	2500
Coverage	10~20m ² /kg
Density	1.1~1.2
Operation	Spray, Brush or Dip
Max Dilution ratio	6:1(spray) 5:1(brush,dip)
Purpose	Lubricate or Protect Launder, Mold Release, Aluminium Alloy Bar Casting, Billet Casting
Shelf life(month)	>12