

NIBOR ALPH 20®

**BORON NITRIDE MEDIUM HARDNESS AND HIGH ADHERENCE AQUEOUS SUSPENSION
WITH AIPO₄ BINDER**

APPLICATIONS

- Aluminium extrusion
- Non ferrous foundries: aluminium, Magnesium, Zinc
- Molten metal transfer and distribution launders
- Lining of pouring spoons and feeding systems
- Glass bending processes

TECHNICAL CHARACTERISTICS

- Density: 1.2 g/cm³
- Active substance content: 20%
- Solid content: 33%
- pH: 2.0
- Viscosity: 10000 cps
- Maximum temperature of use in reducing/inert atmosphere: 2000 °C
- Maximum temperature of use in oxidising atmosphere: 850 °C

NIBOR BEN 25®

**BORON NITRIDE LOW HARDNESS AND MEDIUM ADHERENCE AQUEOUS SUSPENSION
WITH SILICATE BINDER**

APPLICATIONS

- Extrusion Aluminium
- Non ferrous foundries: aluminium, Magnesium, Zinc
- Molten metal transfer and distribution launders
- Lining of pouring spoons and feeding systems
- Covering for ceramics items

TECHNICAL CHARACTERISTICS

- Density: 1,2 g/cm³
- Active substance content: 25%
- Solid content: 29%
- PH: 7.5
- Viscosity: 10000 cps
- Maximum temperature of use in reducing/inert atmosphere: 2000 °C
- Maximum temperature of use in oxidising atmosphere: 850 °C

NIBOR OSAL 20®

**BORON NITRIDE LOW HARDNESS AND MEDIUM ADHERENCE AQUEOUS SUSPENSION
WITH Al₂O₃ BINDER**

APPLICATION

- Extrusion Aluminium
- Non ferrous foundries: aluminium, Magnesium, Zinc
- Molten metal transfer and distribution launders
- Lining of pouring spoons and feeding systems

TECHNICAL CHARACTERISTICS

- Density: 1,1 g/cm³
- Active substance content: 20%
- Solid content: 25%
- PH: 4.0
- Viscosity: 1000 cps
- Maximum temperature of use in reducing/inert atmosphere: 2000 °C
- Maximum temperature of use in oxidising atmosphere: 850 °C

NIBOR SPRAY®

BORON NITRIDE SPRAY COATING

APPLICATION

- Aluminium extrusion
- Non ferrous foundries: aluminium, Magnesium, Zinc
- Molten metal transfer and distribution launders
- Lining of pouring spoons and feeding systems

TECHNICAL CHARACTERISTICS

- Main constituent: Boron nitride 98% purity
- Colour: White
- Carrier: Acetone/Alcohol
- Propellant: Propane/butane
- Coverage: 5-10 m²/can approx.
- Maximum temperature of use in reducing/inert atmosphere: 1800 °C
- Maximum temperature of use in oxidising atmosphere: 1000 °C