DOMILL ABRASIVE
HENAN DOMILL ABRASIVE TECHNOLOGY CO., LTD

Factory
Pingdeng Industrial Zone, Yichuan County, Luoyang City, China

Marketing Center
4302, Zhengda International, Luolong District, Luoyang City, China

WWW.DOMILL.COM

CERAMIC GRAIN: EXTRA DOBLADE

DESCRIPTION

Ceramic corundum is a micro-crystal alumina abrasive produced by sol-gel technology, which has the characteristics of high hardness and good toughness. **EXTRA DOBLADE** is DOMILL based on its own long-term research on abrasive tools, on the basis of **DOBLADE**, further improve its purity, so that the formed abrasive has a sharper blade corner, the mark code is "**XDB**".

APPLICATIONS

XDB abrasive grain is white translucent, smooth surface, uniform color, is the advanced product of ceramic corundum abrasive, suitable for the manufacture of resin grinding wheel, ceramic grinding wheel, sandpaper, sand cloth and other industrial products to add the appropriate amount, so that its performance has been significantly improved. **XDB** because of its manufacturing process, need to carry out some special treatment before use, more targeted, suitable for special abrasives on machine tool for grinding aerospace alloy, tool steel, quenching parts, hard chromium, hard cast iron, etc.

GRITS AVAILABLE

F20-F220, P20-P220.

TYPICAL CHEMICAL ANALYSIS

Al_2O_3	La_2O_3	Y_2O_3	MgO	Mn_2O_3	OTHER
94.5-97	1.5-2.5	0.5-1.5	0.5-1.5	0.1-0.2	0-0.5

TYPICAL PHYSICAL PROPERTIES

Micro- Structure	Polycrystalline alumina, 50- 100 nm of crystal size.
Shape	Natural grain
True density	≧3.85 g/cm³
Temp. of stability	<1100 C

STANDARD PACKAGE

Paper/Plastic bag, 25Kg per bag.

INSTRUCTION

- For making vitrified wheels, firing temperature should below 1100℃
- For making coated abrasives, XDB has certain requirements on the strength of the backing.

SURFACE TREATMENT

- **DBK abrasive grain** is a special surface treatment for XDB in the manufacture of coated abrasives, so that the surface of XDB is less smooth, increase the binding force with the resin bond, make the abrasive and the backing more firmly, and solve the problem of electrical conductivity and adsorption.