GNPGraystar
Specialty Materials
AN ISO 9001 CERTIFIED COMPANY

TECHNICAL DATA SHEET
Alumina Grinding Media

Typical Chemistry

Aluminum Oxide (Al_2O_3)	≥ 92 5
Silicon Dioxide (SiO_2)	≤ 7 %
Calcium Oxide (CaO) + Magnesium Oxide (MgO)	≤ 2 %
Iron Oxide (Fe_2O_3)	≤ 0.1 %

Physical Specifications:

Shape	Spherical
Color	White to Light Yellow
Specific Gravity	≥ 3.60 g/cm^3
Mohs Hardness	≥ 9.0
Water Absorption	≤ 0.01 %
Wear Rate	≤ 0.15 %

Available Sizes:

Beads/Balls are available in 1, 3, 6, 8, 10, 13, 15, 18, 20, 25, 30, 35, 40, 45, 50, 60, 70, & 80 mm diameters.

Cylinders are available in 12x12, 20x20, 30x30, 35x35, 40x45, and 50x55 mm.

Other sizes/shapes available upon request.

Description:

GNPGraystar's Alumina Grinding Media is high grade milling media produced by isostatic pressing and fired at high temperature. These feature high hardness, high density, low wear loss, good normalization, and good corrosion resistance.

Applications:

GNPGraystar's Alumina Grinding Media is used in wet grinding (batch and continuous ball mills), ceramic glaze grinding, and in dry grinding of resins, ceramic raw materials, and other mineral products.

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