

### ✂ MINERAX CERAMIC BEADS –YOUR SOLUTIONS FOR HIGH ENERGY MILLING OF MINERAL ORES

Minerax are intermediate to high density ceramic beads with high resistance to wear, specially adapted to high energy milling of mineral ores.

- Ceramic densities from 3.7 g/cm<sup>3</sup> to 6.1 g/cm<sup>3</sup>
- High wear resistance for extended durability

#### 🔧 CHEMICAL ANALYSIS

Typical values	Al <sub>2</sub> O <sub>3</sub> (%)	ZrO <sub>2</sub> (%)	Others (%)
Minerax Plus	87	5	8
Minerax	66	18	16
Minerax ID	-	60	40
Minerax HD	-	85	15

#### 📏 STANDARD SIZES

Range (mm)	Range (mm)	Range (mm)
2.0 – 3.0	4.0 – 5.0	6.0 – 7.0
3.0 – 4.0	5.0 – 6.0	7.0 – 8.0

Other sizes available on demand

#### 🔍 PHYSICAL PROPERTIES

Typical values	Specific gravity (g/cm <sup>3</sup> )	Bulk density (kg/l)	Hardness (HV1)
Minerax Plus	3.7	2.3	1250
Minerax	3.8	2.4	1150
Minerax ID	4.5	2.8	1100
Minerax HD	6.1	3.8	1150

#### 📦 PACKAGING

- 1 ton big-bag

#### ⚙ MAIN APPLICATIONS

- Mining Ores
- Minerals
- Ceramics



The contents of this data sheet are given in good faith but without warranty

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