

### ✂ INTERMIL CERAMIC BEADS –THE COST EFFECTIVE SOLUTIONS FOR ATTRITION MILLING OF MINERAL ORES

Intermil are alumina based ceramic beads with low to intermediate density and good resistance to wear, specially adapted to attrition milling of mineral ores.

- Ceramic densities from 2.8 g/cm<sup>3</sup> to 3.6 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 (%)
Intermil Plus	60	5	35
Intermil ID	70	5	25
Intermil HD	92	-	8

#### 📏 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)
Intermil Plus	2.8	1.7	1000
Intermil ID	3.2	2.0	1100
Intermil HD	3.6	2.2	1300

#### 📦 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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