



## SAND - BLAST

Sistemas Abrasivos y Protectivos de Alta Tecnología  
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# MICROESFERA DE CERAMICA PARA SAND BLAST

## ZIRBLAST

### FIELD OF APPLICATION:

ZIRBLAST is used on suction and pressure fed machine (dry or wet process), and can also be used in wheel shot-blast machines. It is designed for surface treatment applications such as cleaning, satin finished, deburring and tumbling.

ZIRBLAST is dustless and presents an exceptional working life. When used for stainless steel and non ferrous metal surfaces, no subsequent decontamination process is necessary.

### CHARACTERISTICS:

ZIRBLAST beads are produced by the electric fusion of oxides. Their internal structure is characterized by a crystalline zirconia phase closely bonded within an amorphous silica phase, thus combining high impact resistance and hardness.

#### - Typical Chemical composition:

ZrO <sub>2</sub>	: 67%
SiO <sub>2</sub>	: 30%
Others	: 3%

#### - Typical crystallographic analysis:

Zirconia	: 67%
Glassy phase	: 33%

#### - Typical Physical properties:

True relative density	: 3.85
Bead relative density	: 3.76
Bulk density	: 2.3 kg/l
Micro-hardness Vickers	: 7 to 9 GPa under 500 g
Rockwell hardness	: 50 to 65 RC (equivalent)
Surface texture	: Smooth

### QUALITY CONTROL

The quality of ZIRBLAST is rigorously checked according to in-house standards and complies with the French standard NF L 06-824.

S.E.P.R. reserves the right to modify the product specification based on changes of the accepted standard given hereabove. Data is given in good faith but without warranty.

Carlos Darwin 100 Tlalpan, 14240 CD. de México

Representaciones en: Monterrey. Villahermosa. Poza Rica. Laredo. Tx. Cd. Carmen



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Sizes (mm)	Des.
0.850 0.600	B 20
0.600 0.425	B 30
0.425 0.250	B 40
0.250 0.125	B 60
0.125 0.070	B 120
0.125 0.	B 125

Ceramic beads for surface cleaning and

**COPROMEX**  
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**CERAMICA**

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