



"GrayWolf" W.Szwaja

Dane kontaktowe (*contact information*)
tel. (*phone*): +48 34 3256023
fax: +48 34 3256023
e-mail: wojciech.szwaja@graywolf.pl
website: www.graywolf.pl

ul. Wawrzynowicza 8/10
42-218 Częstochowa
Polska (*POLAND*)
NIP (*EU VAT No.*):
PL5731127315
REGON: 241992561

Product Data Sheet

Zirmil Y ceramic beads

Description:

- ceramic micro-grinding beads produced from a unique yttria doped zirconia powder
- provide high milling efficiency and high wear resistance

Main micro-grinding applications:

| | | |
|-------------------|-----------|---------------------|
| paints | dyes | minerals |
| inks | pigments | electronic ceramics |
| magnetic coatings | cosmetics | ceramics |

Color: white

Typical chemical analysis:

| | |
|-------------------------------|------|
| ZrO ₂ | 93 % |
| Y ₂ O ₃ | 5 % |
| others | 2 % |

Sizes (nominal/tolerances):

| | |
|---------|--------------|
| 0,1 mm | -0,02/+0,05 |
| 0,2 mm | -0,06/+0,05 |
| 0,3 mm | -0,06/+0,055 |
| 0,4 mm | -0,085/+0,05 |
| 0,5 mm | -0,075/+0,10 |
| 0,6 mm | -0,10/+0,10 |
| 0,8 mm | -0,10/+0,10 |
| 1,0 mm | -0,10/+0,10 |
| 1,25 mm | -0,07/+0,15 |
| 1,5 mm | -0,25/+0,10 |
| 1,75 mm | -0,15/+0,25 |
| 2,0 mm | -0,20/+0,24 |
| 2,3 mm | -0,06/+0,20 |

Physical properties:

| | |
|------------------|---------------------|
| specific gravity | 6 g/cm ³ |
| bulk density | 3,7 kg/l |
| hardness Vickers | 1250 HV1 |

Packaging: 1 kg, 5 kg, 10 kg, and 20 kg plastic containers