

▲ 概述:

耐诺氧化锆珠NanorZr-95D用超细的水解氧化粉为原料,研磨分散到纳米级的浆料后由拥有关键核心技术的滴定滚动一次成球,加压低温烧结而成。跟传统的滚动成型珠子相比,珠子里表一致,强度更高、磨耗更低、磨耗曲线不会随使用时间的推移而直线的上升。

▲ 特点

致密的微晶结构赋予珠子优异的耐压强度,很好匹配高能量密度和高线速的砂磨机。细腻的微晶颗粒确保了珠子ppm级的磨耗,即使在苛刻的水性体系或酸碱的环境中也能对物料作高效、超细和纯净的分散研磨。

▲ 应用领域

- 碳素材料: 碳黑、石墨、石墨烯和碳纳米管等;
- 喷墨: 办公墨水、UV墨水、玻璃墨水、陶瓷墨水和纺织墨水等;
- 印刷油墨: 柔板油墨、凹版油墨、磁性油墨和导电油墨等;
- 涂料: 船舶漆、动车涂料、汽车涂料和航空涂料等。
- 农药悬浮剂: 除草剂、杀虫剂、杀菌剂和微肥等。



0.4mm(放大图)



1.0-1.2 mm



1.6-1.8mm

▲ Description:

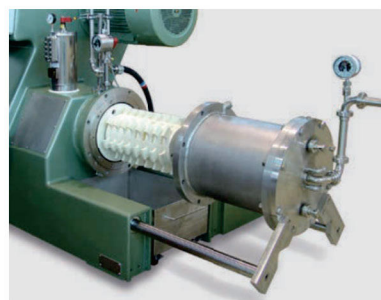
NanorZr-95D zirconia beads use ultrafine hydrolysate powder as raw material, grind it to nanometer scale slurry and be a bead at once by dropping & rolling method with key core technology, and sintered at low temperature under pressure. Compared with the traditional rolling beads, the inside of bead is consistent with the surface, have higher strength, lower wear, and the wear curve will not rise in line with service time.

▲ Features:

The dense microstructure offer beads excellent compressive strength and can match High energy density and high tip speed bead mills. Fine microcrystalline grains ensure bead ppm grade wear, even in harsh water-based systems or acid-base environment can be used for efficient, ultrafine and pure dispersion and grinding of materials.

▲ Applications:

- Carbon materials: carbon black, graphite, graphene and carbon nanotubes.
- Inkjet inks: office ink, UV ink, glass ink, ceramic ink and textile ink.
- Printing inks: flexo ink, gravure inks, magnetic ink and conductive ink.
- Coating : ship paint , bullet train coating , automobile coating and aviation coating.
- Pesticide: herbicides, insecticides, fungicides and microfertilizers.



全陶砂磨机

Ceramic Bead Mill LMZ25

▲ 化学成分 Chemical Composition:

成分	ZrO ₂ +HfO ₂	Y ₂ O ₃	Al ₂ O ₃ /Other
wt%	95	4.8%	0.2

▲ 物理性质 Typical Properties:

比重 Specific Gravity	散重 Bulk Density	莫氏硬度 Hardness Mohs	维氏硬度 Hardness Vickers	耐压强度 Crushing Strength	吨磨耗 Wear rate	包装 Packaging
>6.00kg/dm ³	≥3.60kg/L	9	>1200kg/mm ²	200kgf(2mm)	<0.01kg/T	25kg/pail

▲ 规格 Sizes:

型号 Code	粒径(mm) Sizes	型号 Code	粒径(mm) Sizes	型号 Code	粒径(mm) Sizes
ND3	0.3 ~ 0.4	ND10	1.0 ~ 1.2	ND20	2.0 ~ 2.2
ND4	0.35 ~ 0.45	ND12	1.2 ~ 1.4	ND22	2.2 ~ 2.5
ND5	0.4 ~ 0.6	ND14	1.4 ~ 1.6	ND25	2.5 ~ 2.8
ND6	0.6 ~ 0.8	ND16	1.6 ~ 1.8	ND28	2.8 ~ 3.2
ND8	0.8 ~ 1.0	ND18	1.8 ~ 2.0		