



# Ceramic grinding media for bead mills.

Grinding & Dispersion Customer Service

## The grinding media make the difference

The quality of the grinding media significantly influences the performance and durability of a bead mill. Selecting the right grinding media is therefore decisive for the product quality and

your system production costs. Thanks to many years of experience and extensive testing, Bühler has adjusted the optimal grinding media qualities for its machine systems.

### Process stability

High product quality thanks to a stable wet-grinding process.

### Maximum durability

Increased cost-effectiveness thanks to maximized durability and availability of the mills and grinding media.

### Machine efficiency

Greatest possible machine productivity through perfectly tailored grinding media.

### Bühler Support

Bühler specialists provide excellent advice on selecting the right grinding media for your application.

## Can be used in the following machine systems

### Quality grinding media

All products are made from stabilized ceramic and are subject to strict quality control with batch-related certification.

#### Draison® YUP Yttrium Ultra Power

Material density:  $\geq 5.95 \text{ g/cm}^3$ ,  
Bulk density:  $\geq 3.7 \text{ g/cm}^3$ ,  
Hardness:  $\geq \text{HV } 1250$

#### Draison® YP Yttrium Power

Material density:  $\geq 5.90 \text{ g/cm}^3$ ,  
Bulk density:  $\geq 3.6 \text{ g/cm}^3$ ,  
Hardness:  $\geq \text{HV } 1200$

#### Draison® CP Cerium Power

Material density:  $\geq 6.10 \text{ g/cm}^3$ ,  
Bulk density:  $\geq 3.7 \text{ g/cm}^3$ ,  
Hardness:  $\geq \text{HV } 1100$

#### MicroMedia™ SuperFlow™ K-Series

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#### SuperTex™ Centex™ Cenomic™

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#### BOA, TEX STS, RL

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## Grinding media order form.

Enter the required quantity here:

Draison® YUP (Yttrium Ultra Power)			Draison® YP (Yttrium Power)			Draison® CP (Cerium Power)		
Nominal diameter (µm)	Range (mm)	Order quantity (kg)	Nominal diameter (µm)	Range (mm)	Order quantity (kg)	Nominal diameter (µm)	Range (mm)	Order quantity (kg)
30	0.015 – 0.05							
50	0.03 – 0.08							
100	0.08 – 0.13		100	0.08 – 0.13				
200	0.15 – 0.25		200	0.18 – 0.23				
300	0.30 – 0.40		300	0.25 – 0.35				
400	0.35 – 0.50							
500	0.40 – 0.65		500	0.40 – 0.60		500	0.40 – 0.60	
650	0.55 – 0.75		650	0.60 – 0.70				
800	0.70 – 0.90		800	0.70 – 0.90		700	0.60 – 0.80	
1000	0.90 – 1.10		1000	0.90 – 1.10		1000	0.90 – 1.10	
1250	1.10 – 1.40		1200	1.10 – 1.30		1200	1.10 – 1.30	
1500	1.35 – 1.65		1500	1.40 – 1.60		1500	1.40 – 1.60	
1750	1.60 – 1.90		1700	1.60 – 1.80		1700	1.60 – 1.80	
2000	1.90 – 2.20		2000	1.90 – 2.10		2000	1.90 – 2.20	
2300	2.15 – 2.45		2500	2.20 – 2.50		2200	2.20 – 2.50	
2700	2.55 – 2.85		2800	2.50 – 2.80		2600	2.40 – 2.70	
3000	2.80 – 3.20		3000	2.80 – 3.20		3000	2.80 – 3.20	

Are you planning to change your grinding media qualities? We are pleased to help.

If you have any questions regarding this offering or about our services, please send an e-mail to: [cs.gd@buhlergroup.com](mailto:cs.gd@buhlergroup.com)

### Hotline

#### The direct line to our experts

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