Flyer Grinding beads en 04/21 Z&B 211103

Ceramic grinding media for bead mills.

Grinding & Dispersing 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.

Machine efficiency

Greatest possible machine productivity through perfectly tailored grinding media.

Maximum durability

Increased cost-effectiveness thanks to maximized durability and availability of the mills and 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.		**MicroMedia** **MacroMedia** **SuperFlow** **K-Series** **Visconomic**	**SuperTex** **Centex** **Cenomic**	**SRB, SRK, TEX** **STS, RL, etc.**
Draison YUP Yttrium Ultra Power	Material density: ≥ 5.95 g/cm^3, Bulk density: ≥ 3.7 g/cm^3, Hardness: ≥ HV 1250	•	•	•
Draison YP Yttrium Power	Material density: ≥ 6.05 g/cm^3, Bulk density: ≥ 3.6 g/cm^3, Hardness: ≥ HV 1400	•	•	•
Draison YPP **Yttrium Performance Power**	Material density: ≥ 6.00 g/cm^3, Bulk density: ≥ 3.7 g/cm^3, Hardness: ≥ HV 1150		•	•
Draison CPP **Cerium Performance Power**	Material density: ≥ 6.10 g/cm^3, Bulk density: ≥ 3.7 g/cm^3, Hardness: ≥ HV 1100		•	•

Overview of grinding media.

Draison YUP (Yttrium Ultra Power)			Draison YP (Yttrium Power)			Draison YPP (Yttrium PerformancePower)			Draison CPP (Cerium PerformancePower)		
Nominal diameter (µm)	Range (mm)	Stock beads	Nominal diameter (µm)	Range (mm)	Stock beads	Nominal diameter (µm)	Range (mm)	Stock beads	Nominal diameter (µm)	Range (mm)	Stock beads
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		500	0.40 – 0.60	
650	0.55 – 0.75	•	650	0.60 – 0.70		650	0.60 – 0.70				
800	0.70 – 0.90	•	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	•	1000	0.90 – 1.10	•
1250	1.10 – 1.40	•	1200	1.10 – 1.30	•	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	•	1500	1.40 – 1.60	
1750	1.60 – 1.90		1700	1.60 – 1.80		1700	1.60 – 1.80		1700	1.60 – 1.80	
2000	1.90 – 2.20	•	2000	1.90 – 2.10		2000	1.90 – 2.10	•	2000	1.90 – 2.20	•
2300	2.15 – 2.45	•	2500	2.20 – 2.50	•	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

Hotline

The direct line to our experts

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