



Product Information

Ceramic Beads

Designation	Ceramic Beads									
Shape	spherical									
Application	Blast cleaning, surface finish, wet blasting, shot peening									
Blasting Systems	Air blasting systems and wheel blasting systems with low discharge speed									
Indication / Chemical Composition	ZrO ₂ = 60 - 70 % SiO ₂ = 28 - 33 % Al ₂ O ₃ < 10 %									
Structure	Crystalline structure									
Hardness (New Grain)	„HV 1,0 ca. 520 - 820 HRC 50 - 65“									
Specific Density [kg/l]	Approx. 3,80									
Bulk Density [kg/l]	Approx. 2,3									
Specific Characteristics	Low wearing of machines, low dust formation, high lifetime, can be used up to 400 °C									
Storage	Several years, considering dry storage									
Particle Size	<table border="0"> <tr> <td>B 20 = 600 – 850 µm</td> <td>B 60 = 125 - 250 µm</td> <td>B 205 = 0 - 63 µm</td> </tr> <tr> <td>B 30 = 425 – 600 µm</td> <td>B 120 = 70 - 125 µm</td> <td></td> </tr> <tr> <td>B 40 = 250 - 425 µm</td> <td>B 125 = 0 - 125 µm</td> <td></td> </tr> </table>	B 20 = 600 – 850 µm	B 60 = 125 - 250 µm	B 205 = 0 - 63 µm	B 30 = 425 – 600 µm	B 120 = 70 - 125 µm		B 40 = 250 - 425 µm	B 125 = 0 - 125 µm	
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