



SOLUTION & NANO Co.
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**Supplier
Quality
Products**

Technical Data Sheet for Hollow Ceramic Sphere

Typical Properties	
Bulk density g/cc	0.32 -037
Density g/cc	2.45
Crush Strength pci	3000-4800
Thermal Conductivity W/m x °K	0.08
Melting Point (Min) °C	1400
Color	Grey/White
Composition gas inside % N ₂ , CO ₂	30, 70
Floating %	97-98
Hardness	5-6
Moisture %	0.3
Oil Absorption gram oil/100g	16-18
Chemistry composition: SiO ₂ - 52.2-64.3%; TiO ₂ - 0.6-1.0%; Al ₂ O ₃ - 23.5-29.0%; Fe ₂ O ₃ - 6.0-10.0%; CaO - 0.1-5.8%; MgO - 1.0-2.0%; K ₂ O 1.0-2.3%; Na ₂ O - 0.3-1.0%; P ₂ O ₅ - 0.2-1.0%.	

Property range size available

Ø	100	110	120	130	145	150	160	180	210	220	250	500
0	■	■	■	■	■	■	■	■	■	■	■	■
30	■	■	■	■	■	■	■	■	■	■	■	■
35	■	■	■	■	■	■	■	■	■	■	■	■
45	■	■	■	■	■	■	■	■	■	■	■	■
60	■	■	■	■	■	■	■	■	■	■	■	■
70	■	■	■	■	■	■	■	■	■	■	■	■
90	■	■	■	■	■	■	■	■	■	■	■	■
100	■	■	■	■	■	■	■	■	■	■	■	■
110	■	■	■	■	■	■	■	■	■	■	■	■
120	■	■	■	■	■	■	■	■	■	■	■	■
130	■	■	■	■	■	■	■	■	■	■	■	■
145	■	■	■	■	■	■	■	■	■	■	■	■
150	■	■	■	■	■	■	■	■	■	■	■	■
180	■	■	■	■	■	■	■	■	■	■	■	■
210	■	■	■	■	■	■	■	■	■	■	■	■

■ possible available size range

Product Order & Inquiries

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