



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

Technical Data Sheet for Hollow Ceramic Sphere

Typical Properties	
Bulk density g/cc	0.35 -0.45 (24lbs/ft3)
Avg. Particle Density g/cc	0.6-0.8 (42lbs/ft3)
Crush Strength pci	3000-5000
Thermal Conductivity W/m x °K	0.08
Melting Point (Min) °C	1350-1400
Color	White
Sinkers %	3 max
Practical Size, micron	10-325
Hardness	5-7
Moisture %	0.5 max
Oil Absorption gram oil/100g	16-18
PH in water	6-7

Chemical compound

Silica (SiO ₂)	58-68%
Alumina (Al ₂ O ₃)	32-38%
Iron (Fe ₃ O ₂), not more	1.4 %
CaO, not more	1.8%
MgO, not more	1%
K ₂ O+Na ₂ O, not more	1.5%



Product Order & Inquiries

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