

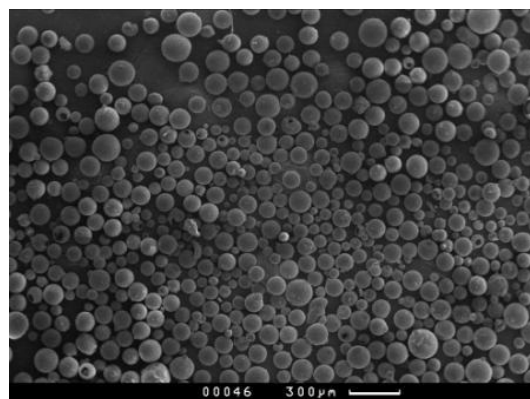
PRODUCT DATA SHEET Cenosphere

INOTECK

сбережем энергию завтрашнего дня вместе

Siberian (Russia) aluminosilicate microsphere. Hollow grey colour free flowing spheres. Typically produced as a byproduct of coal combustion at thermal power plants.

| Physical Properties (general) | |
|-------------------------------|--|
| Particle Size | 56-100 Microns |
| Avg. Particle Density | 0.6-0.8 g/cc (42 lbs/ft ³) |
| Avg. Bulk Density | 0.35-0.43 g/cc (24 lbs/ft ³) |
| Specific Gravity | 0.39-0.75 |
| Compressive Strength | 2500-5000 psi |
| Hardness | Moh's scale 5-7 |
| Melting Point | 1350 - 1400°C |
| CTE | $8 \times 10^{-6} (^{\circ}\text{K})$ |
| Surface Moisture | 0.3-0,5 % max |
| Sinkers | 3-5% max |
| Wall Thickness | 8%-10% Sphere Diameter |
| PH in water | 6 - 7 |
| Oil Absorbtion | 16-18 g oil/100g |



Chemical compound

| | |
|---|------------|
| Silica (SiO ₂) | 58 – 65% |
| Alumina (AL ₂ O ₃) | 21 - 28% |
| Iron (Fe ₃ O ₂) | 3,5 - 4,5% |
| CaO | 1 – 3.5% |
| MgO | 0,5 – 1,8% |
| Na ₂ O | 0,2 – 1,7% |
| K ₂ O | 0,5 – 3.6% |

Packing: Bulk Big Bags of 500,550,600 kgs or 20 kgs paper bags, or as customer's request - Strong Straps, No Leakage, No Liners, Wooden Pallet