

PRODUCT DATA SHEET

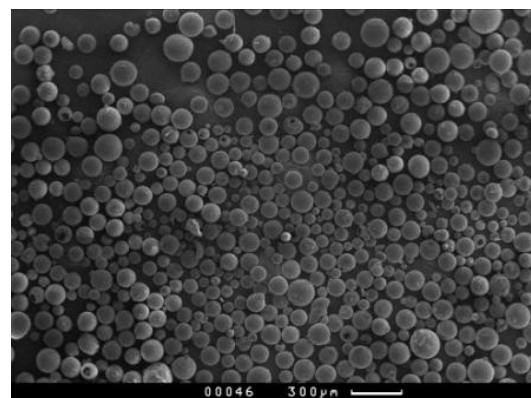
Ceramic microsphere

INOTECK

сбережем энергию завтрашнего дня вместе

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

Physical Properties (general)	
Particle Size	5-200 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 x 10 ⁻⁶ (°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 or 600 kgs, or as customer's request - Strong Straps, No Leakage, No Liners, Wooden Pallet