

BARITEWORLD

industrial chemicals and minerals

Typical Properties of Cenospheres CS150

Physical Form	Free Flowing Powder
Color, Hunter Whiteness Index	Medium Gray, Hw 45 - 55
Particle Size Range, microns	10 - 500
Particle Distribution, microns	< 500, 99% (< 3% over)
	150 - 499, 10% - 25% 105 - 149, 10% - 30% 75 - 104, 18% - 30% 45 - 74, 5% - 20% < 44 2% - 10%
Bulk Density	0.34 - 0.45 g/cc +/-
True Density	<0.85 - 0.95 g/cc +/- 2.5%
Compressive Strength	90% survival @ 3200psi
Softening Point	1040° C +/- 5%
Melting Point	1200 - 1400° C
Hardness, Moh's Scale	5 - 6
Dielectric Constant	1.8 - 1.9
Composition, %wt	Alumina 24% - 28% Silica 60% - 74% Iron 1.5% - 4.0%
Thermal Conductivity	0.1 - 0.2 W/mK
Oil Absorption	16-18 g oil / 100cc

Packaging:

BW500 Cenospheres are supplied in 20kg (44lb) multi-wall paper bags or 500kg big bags.