



GRANULITE 500

GRANULITE cenospheres – product is a highly stable lightweight additive (white color) composed of the hollow spherical particles with high content of Al_2O_3 up to 33-40 % and low impurities content, with melting point 1710°C and excellent strength-to-density ratio.



CHEMICAL PROPERTIES

SiO_2	55-60 %
Al_2O_3	33-40 %
Fe_2O_3	1.7 % Maximum
Loss on ignition (1000 °C)	1.5 % Maximum

PHYSICAL PROPERTIES

Physical shape	powder
Particle Size Distribution	0-500 micron
Colour	white
Average Loose bulk density g/cc	380-440 kg/m^3
True density	0.75-0.90 g/cm^3
Sinker	5 % Maximum
Melting Temperature	1710 °C
Moisture	0.25 % Maximum
Typical Crush Strength	2000-6000 psi

PARTICLE SIZE DISTRIBUTION (PERCENTAGE PASSING)

500 μm	300 μm	150 μm	100 μm	50 μm	
100 %	95-100 %	40-70 %	10-30 %	2-10 %	

GRANULITE ZPP

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