



# 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	380-440 kg/m <sup>3</sup>
True density	0.75-0.90 g/cm <sup>3</sup>
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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