



GRANULITE 100

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 32-40 % and low impurities content, with melting point 1750°C and excellent strength-to-density ratio.



CHEMICAL PROPERTIES



SiO_2	58-62 %
Al_2O_3	32-40 %
Fe_2O_3	1.5 % Maximum
Loss on ignition (1000 °C)	1.5 % Maximum

PHYSICAL PROPERTIES



Physical shape	powder
Particle Size Distribution	0-100 micron
Colour	white
Average Loose bulk density g/cc	380-440 kg/m^3
True density	0.70-0.90 g/cm^3
Sinker	8 % Maximum
Melting Temperature	1750 °C
Moisture	0.25 % Maximum
Typical Crush Strength	2000-6000 psi

PARTICLE SIZE DISTRIBUTION (PERCENTAGE PASSING)



500 μm	300 μm	180 μm	150 μm	106 μm	50 μm
100 %	100 %	100 %	100 %	98-100 %	5-20 %

GRANULITE ZPP

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