



GRANULITE 300

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 1750°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	0-300 micron
Colour	white
Average Loose bulk density	380-440 kg/m ³
True density	0.75-0.90 g/cm ³
Sinker	5 % Maximum
Melting Temperature	1750 °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 %	99-100 %	40-80 %	15-40 %	2-10 %	

GRANULITE ZPP

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