



GRANULITE 160

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	0-160 micron
Colour	white
Average Loose bulk density g/cc	380-440 kg/m ³
True density	0.77-0.90 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	100 µm	50 µm	
100 %	100%	99,5-100%	30-70 %	5-15 %	

GRANULITE ZPP

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