



CENOSPHERES : DMPL – 400 μm

CHEMICAL PROPERTIES	
SiO ₂	50 – 60 %
Al ₂ O ₃	32 – 40 %
Fe ₂ O ₃	1 – 2 %
K ₂ O	1.2 – 3.2 %
TiO ₂	0.8 – 1.3 %
MgO	1 – 2.5 %
Na ₂ O	0.2 – 0.6 %
CaO	0.1 – 0.5 %

PHYSICAL PROPERTIES	
Specific Gravity	0.75 – 0.85 g/cc
Bulk Density	0.35 – 0.45 g/cc
Compressive Strength	180 – 280 KGS/CM ²
Hydraulic Crush Resistance at 3000 PSI	40 % Maximum
Hardness (Moh's)	5 - 6
Shape	Spherical
Color	Light Grey – Light Buff
Melting Point	1200 – 1300 DEG CELCIUS
PH in water	6 – 7
Moisture	0.5 % Max
Sinkers	5 % Max
Oil Absorption	16 – 18 G/100G

PARTICLE SIZE DISTRIBUTION	
% Passing 400 Microns	100 %
% Passing 300 Microns	95 – 100 %
% Passing 150 Microns	50 – 75 %
% Passing 106 Microns	20 – 40 %
% Passing 53 Microns	< 10 %