

**TECHNICAL SPECIFICATION CENOSPHERE GRADE - VA-TC-500**

**VA-TC-500**

**Typical Properties of CENOSPHERE**

Al <sub>2</sub> O <sub>3</sub>	30 - 34%
SiO <sub>2</sub>	55 - 68%
Fe <sub>2</sub> O <sub>3</sub>	3 - 7%
K <sub>2</sub> O	1.2 - 3.2%
TiO <sub>2</sub>	0.8 - 1.3%
MgO	1 - 2.5%
Na <sub>2</sub> O	0.2 - 0.6%
CaO	0.1 - 0.5%
Co <sub>2</sub>	70%
N <sub>2</sub>	30%

**Physical Properties CENOSPHERE**

Specific Gravity (g/cc)	0.90 - 1.50
Bulk Density (KG/M <sup>3</sup> )	325 - 450
Sinkers	3% Max.
Compressive Strength	180 - 280 KGS/CM <sup>2</sup> (2000 - 3000 PSI)
Hardness (Moh's)	5 - 6
Shape	Spherical
Color	Grey, Light or Dark Grey - Light Buff
Melting Point	1200 - 1400 DEG CELCIUS
PH in water	6 - 7
Moisture	0.5% Max
Oil Absorption	16-18 G/100G
Packing Factor	60 - 65 %
Thermal Conductivity	0.11WM-1K-1
Loss On Ignition	1 to 3% Max.
Wall Thickness	5 - 12 % of SHELL DIAMETER

**SEIVE ANALYSIS OF CENOSPHERE VA-TC-500**

<b>MORE/LESS</b>	<b>B.S.S.</b>	<b>MICRONS</b>	<b>PERCENTAGE %</b>
MORE THEN	30	500	8 - 15%
MORE THEN	52	300	65 - 70%
MORE THEN	100	150	70 - 85%
MORE THEN	150	106	92 - 95%
LESS THEN	150	106	5 - 8%

**WE CAN MAKE REQUIRED CHANGES IN THE GRADE AS PER YOUR REQUIREMENTS.**

**Mumbai Office :**

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Tilak Road, Opp. Balaji Mandir Road  
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**Factory :**

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