

## TECHNICAL SPECIFICATION CENOSPHERE GRADE - VA-PC-150

### VA-PC-150

#### Typical Properties of CENOSPHERE

SiO <sub>2</sub>	52 - 62%
Al <sub>2</sub> O <sub>3</sub>	32 - 36%
K <sub>2</sub> O	1.2 – 3.2%
Fe <sub>2</sub> O <sub>3</sub>	1 - 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%

#### Physical Properties CENOSPHERE

Specific Gravity (g/cc)	0.75 - 0.85
Bulk Density (KG/M <sup>3</sup> )	350 - 450
Hardness (Moh's)	5 – 6
Compressive Strength	180 - 280 KGS/CM <sup>2</sup> (2500 – 3000 PSI)
Shape	Spherical
Color	Light Grey – Light Buff
Melting Point	1200 – 1350 DEG CELCIUS
PH in water	6 – 7
Moisture	0.5% Max
Sinkers	7% Max
Oil Absorption	16-18 G/100G
Packing Factor	60 - 65 %
Wall Thickness	5 - 10 % OF SHELL DIAMETER
Thermal Conductivity	0.11WM-1K-1
Loss On Ignition	2 % MAX

#### SEIVE ANALYSIS OF CENOSPHERE VA-PC-150

MORE/LESS	B.S.S. (410/1969)	MICRONS	PERCENTAGE %
MORE THEN	100	150	0 - 2%
MORE THEN	200	75	78 - 95%
LESS THEN	200	75	0 - 15%

##### Mumbai Office :

703, Nav Renuka, Plot No. 108  
Tilak Road, Opp. Balaji Mandir Road  
Ghatkopar (East), Mumbai - 400077

##### Factory :

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