

## TECHNICAL SPECIFICATION CENOSPHERE GRADE - VA-FS-312

### VA-FS-312

#### 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-FS-312

MORE/LESS	B.S.S. (410/1969)	MICRONS	PERCENTAGE %
MORE THEN	52	300	0 - 3%
MORE THEN	150	106	80 - 95%
LESS THEN	150	106	0 - 10%

#### Mumbai Office :

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

#### Factory :

Beside Bhaskar Exxoils Pvt. Ltd.  
Village - Wadoda, Bhandara Road  
Tal. Kamphthi, Dist. Nagpur - 441104

T : 022 - 2102 6172  
M : +91 - 98211 62079  
E : kulincorporation@gmail.com