

TECHNICAL SPECIFICATION CENOSPHERE GRADE - VA-FS-375

VA-FS-375

Typical Properties of CENOSPHERE

Al ₂ O ₃	30 - 34%
SiO ₂	55 - 68%
Fe ₂ O ₃	3 - 7%
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%
Co ₂	70%
N ₂	30%

Physical Properties CENOSPHERE

Specific Gravity (g/cc)	0.90 - 1.50
Bulk Density (KG/M ³)	350 - 450
Sinkers	2 - 5% Max.
Compressive Strength	180 - 280 KGS/CM ² (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-FS-375

MORE/LESS	B.S.S.	MICRONS	PERCENTAGE %
MORE THEN	30	500	1 - 3%
MORE THEN	52	300	18 - 25%
MORE THEN	100	150	40 - 50%
MORE THEN	150	106	70 - 80%
LESS THEN	150	106	15 - 30%

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

Mumbai Office :

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Factory :

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