



HighGrade 75/400W Cenospheres

Typical Properties of HG75/400W Cenospheres

CenoStar HG75/400W

Grade cenospheres are low density, fine particle size, hollow ceramic spheres. Typically used to reduce density, reduce VOC's, increase filler loading, and improve viscosity in a variety of formulations.

CenoStar HG75/400W

cenospheres exhibit excellent processing durability and temperature stability.

Because of the low cost per unit volume, CenoStar HG75/400W cenospheres are effectively used for replacing high value materials.

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| Physical Form | Free Flowing Powder |
| Color, Hunter Whiteness Index | Near White - Hw 70 - 75 |
| Particle Size Range, microns | 75-400 microns +/-5% |
| Mean Particle Size | 125 microns |
| Sinkers | <7% |
| Bulk Density | 0.30 – 0.40 +/- g/cc |
| True Density (Specific Gravity) | < 0.6 g/cc |
| Compressive Strength | ~90% survival @ 2500psi |
| Softening Point | 1040° C +/- 5% |
| Melting Point | 1200 - 1400° C |
| Hardness, Moh's Scale | 5 – 6 |
| Composition, %wt (Typical) | Alumina 26% – 45% Silica 48% – 74% Iron 1.5% - 4.0% |
| Oil Absorption | 16-18 g oil / 100cc |
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Notice to Purchaser: The information in this publication is based on tests that we believe are reliable. Your results may vary due to differences in

Packaging:

CenoStar HG75/400W Cenospheres are supplied in 12Lb or 145Lb. drums

Safety Information:

In dusty areas, the use of a NIOSH approved respirator is recommended. Material Safety Data Sheets (MSDS) are available upon request

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