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High Grade 75/400 Cenospheres

Typical Properties of HG 75/400 Cenospheres

CenoStar HG75/400 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 HG75/400 cenospheres exhibit excellent processing durability and temperature stability

Because of the low cost per unit volume, CenoStar HG75/400 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) | < 0.60 g/cc |
| Compressive Strength | ~90% survival @ 2500psi |
| Softening Point | 1040° C +/- 5% |
| Melting Point | 1200 - 1400° C |
| Hardness, Moh's Scale | 5 – 6 |
| Dielectric Constant | 1.8 - 1.9 |
| Composition, %wt | Silica 48.0 - 74.0 Alumina 26.0- 45.0 Iron 1.5 - 5.0 |
| Thermal Conductivity | 0.1 - 0.2 W/mK |
| Oil Absorption | 16-18 g oil / 100cc |

Packaging:

CenoStar HG75/400 Cenospheres are supplied in 20kg (44lb) multi-wall paper bags or 500kg big bags.

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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