



Suite #133, 25 Storey Avenue Newburyport, MA 01950
Phone: 978-465-2705 Email: rfoster@cenostar.

EconoStar 200/600 Cenospheres

Typical Properties of ES200/600 Cenospheres

CenoStar **ES200/600** Grade cenospheres are low density, fine particle size, hollow ceramic spheres. Typically they are used to reduce density, reduce VOC levels, increase filler loadings, and improve viscosity in a variety of formulations.

CenoStar ES200/600 cenospheres exhibit excellent processing durability and temperature stability.

Because of the low cost per unit volume, CenoStar ES200/600 cenospheres can be used effectively for replacing or blending with higher cost products.

Physical Form	Free Flowing Powder
Color, Hunter Whiteness Index	Gray, Hw 45 - 55
Particle Size Range, microns	200-600 +/- 7%
Mean Particle Diameter, microns	350-400 +/-
Bulk Density	0.32 – 0.45 g/cc
True Density	<0.98 g/cc
Compressive Strength	90% survival @ 2900psi
Sinkers	<6%
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 50.0 - 60.0 Alumina 22.0- 30.0 Iron 1.5 - 5.0
Thermal Conductivity	0.1 - 0.2 W/mK

Packaging:

CenoStar ES200/600 Cenospheres are supplied in 16kg (35lb) 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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