



China White 160 Cenospheres

Typical Properties of CW160 Cenospheres

CenoStar **CW160** 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 CW160 cenospheres exhibit excellent processing durability and temperature stability.

Because of the low cost per unit volume, CenoStar CW160 cenospheres can be used effectively for replacing or blending with higher cost products.

Physical Form	Free Flowing Powder	
Color, Hunter Whiteness Index	Near white, Hw 72-76	
Particle Size Range, microns	10 - 160	
Particle Distribution, microns	<160,	97% (< 3% over)
	105 - 159, 75 - 104,	25% - 39% 12% - 26%
	45 - 74, < 44,	12% - 28% 2% - 10%
Bulk Density	0.30 g/cc	
True Density	0.55 - 0.60 g/cc	
Compressive Strength	90% survival @ 3000psi	
Melting Point	1200 - 1400° C	
Hardness, Moh's Scale	5 - 6	
Dielectric Constant	1.8 - 1.9	
Composition, %wt	Silica	50% - 60.0
	Alumina	38% - 42%
	Iron	1.5% - 4.0%
Thermal Conductivity	0.1 - 0.2 W/mK	

Packaging:

CenoStar CW160 Cenospheres are supplied in 16.5kg (36.4lb) 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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