



## Cenolite G Product Information

### Cenolite G Glass Microsphere

Cenolite G grades are hollow glass microspheres made from chemically stable soda-lime-borosilicate glass, size range from 8 microns to 8mm. Fine Grades have mean size mostly smaller than 100 um.

### Capabilities



- Improve flowability
- Weight reduction
- High strength low density
- Lower shrinkage/wrappage
- Reduce Resin or binder demand
- Improve surface to smooth finish
- Machinability and sandability
- Superior bonding with resins

### Applications

#### Composite FRP

Floating material, polyurethane injection, bowling, golf, Synthetic foam, thermoplastic, artificial marble,

#### Paint, Skim Coating

General industrial paints, heat insulation paint,

#### Oil and Gas Drilling

Cementing and drilling fluid

#### Emulsion explosives

explosive sensitization

#### Caulks/Sealants/Putties/Adhesives

Crack/joint filling, repair putties, automotive/marine body fillers

### Inquiry and Contact

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### Chemical Composition

Soda-lime-borosilicate glass

### Physical Properties

Appearance	free flowing powder
Shape	nonporous Spherical
Color	white
Melting point	700 °C
Thermal conductivity	0.50 W/mK
Chemical resistance	insoluable in water
Floating ratio	≥90%

### Cenolite G Grades

	True Density g/cc	Bulk Density g/cc	Crush Strength Mpa /psi	Typical Size um Distribution		
				D10	D50	D90
G25	0.25	0.15	5/750	10	65	90
G32	0.32	0.20	14/2000	10	56	85
G40	0.40	0.26	28/4000	8	45	85
G46	0.46	0.30	41/6000	8	45	65
G60	0.60	0.39	69/10000	8	40	65

### Package and Storage

Keep air tight if possible  
20kg Carton box