

## Potters Industries Q-Cel® 7023S Hollow Engineered Glass Microspheres

Category : Ceramic , Glass , Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

Q-CEL® hollow glass microspheres are alternatives to conventional fillers and additives such as silicas, calcium carbonates, talc, clay, etc. A variety of particle sizes, densities and strengths meet specific functional and end-use application requirements such as reducing density or cost, or improving stiffness or workability. They are compatible with polyesters, epoxies, phenolic resins, urethanes, plastisols, thermoplastics, latex, concrete and other building materials, as well as emulsion- and water-gel explosives. They are available uncoated, or coated with specially-formulated coupling agents (CP01, CP03) to maximize interfacial bonding between the microspheres and the resin matrix. Information provided by Potters Industries.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Potters-Industries-Q-Cel-7023S-Hollow-Engineered-Glass-Microspheres.php](http://www.lookpolymers.com/polymer_Potters-Industries-Q-Cel-7023S-Hollow-Engineered-Glass-Microspheres.php)

| Physical Properties | Metric       | English                    | Comments   |
|---------------------|--------------|----------------------------|--|
| Bulk Density        | 0.130 g/cc   | 0.00470 lb/in <sup>3</sup> |  |
| Density             | 0.230 g/cc   | 0.00831 lb/in <sup>3</sup> | Effective Density as measured by liquid displacement |
| Particle Size       | 5.0 - 135 µm | 5.0 - 135 µm               |  |
|                     | 85 µm        | 85 µm                      | Mean   |

| Mechanical Properties | Metric      | English    | Comments                   |
|-----------------------|-------------|------------|----------------------------|
| Compressive Strength  | <= 5.17 MPa | <= 750 psi | Isostatic working pressure |

## Contact Songhan Plastic Technology Co.,Ltd.

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