

## 3M S38XHS Glass Bubbles

Category : Ceramic , Glass

**Material Notes:**

3M™ Glass Bubbles S38XHS have a density of .38 g/cc and an isostatic crush strength of 5500 psi with a minimum survival of 90% as compared to S38HS, which has a target 90% survival of 5500 psi. Like all 3M glass bubbles, S38 glass bubbles are virtually insoluble in water. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-S38XHS-Glass-Bubbles.php](http://www.lookpolymers.com/polymer_3M-S38XHS-Glass-Bubbles.php)

| Physical Properties | Metric             | English                            | Comments   |
|---------------------|--------------------|------------------------------------|------------|
| Density             | 0.300 - 0.390 g/cc | 0.0108 - 0.0141 lb/in <sup>3</sup> | Range      |
|                     | 0.380 g/cc         | 0.0137 lb/in <sup>3</sup>          |            |
| Particle Size       | 40 µm              | 40 µm                              | D50        |
|                     | 40 - 49 µm         | 40 - 49 µm                         | D50, Range |

| Mechanical Properties     | Metric   | English  | Comments |
|---------------------------|----------|----------|----------|
| Tensile Strength at Break | 37.9 MPa | 5500 psi |          |
| Compressive Strength      | 37.9 MPa | 5500 psi |          |

| Descriptive Properties | Value          | Comments |
|------------------------|----------------|----------|
| Color                  | White, powdery |          |

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