

## H.C. Starck Grade A Yttrium Oxide

Category : Ceramic , Oxide

**Material Notes:**

Sintering additive for Si<sub>3</sub>N<sub>4</sub> and AlN Stabilizer for zirconias (PSZ) and insulating coatings (TBC`s) Catalyst carrier Yttria stabilized zirconias electrolytes for solid oxide fuel cells Luminescent materials Constituent of high-temperature super alloys and ODS materials Additive in special glass

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_HC-Starck-Grade-A-Yttrium-Oxide.php](http://www.lookpolymers.com/polymer_HC-Starck-Grade-A-Yttrium-Oxide.php)

| Physical Properties   | Metric         | English        | Comments                                    |
|-----------------------|----------------|----------------|---|
| Particle Size         | <= 4.0 Åµm     | <= 4.0 Åµm     | Average Particle Size/Laser Diffraction D50 |
|                       | <= 8.0 Åµm     | <= 8.0 Åµm     | 90% less than                               |
| Specific Surface Area | 5.0 - 10 mÅ²/g | 5.0 - 10 mÅ²/g | BET   |

| Component Elements Properties | Metric    | English   | Comments |
|-------------------------------|-----------|-----------|----------|
| Y2O3                          | >= 99.9 % | >= 99.9 % |          |

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