

Potters Industries A-Series P-0100 Soda-Lime Silica Technical Quality Solid Glass Spheres

Category : Ceramic , Glass

Material Notes:

Technical Quality, A-Series glass spheres are used to reduce particle size in coatings and inks. Glass Spheres used in oil well drilling improve lubrication and overall efficiencies of down hole oil drilling. Information provided by Potters Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Potters-Industries-A-Series-P-0100-Soda-Lime-Silica-Technical-Quality-Solid-Glass-Spheres.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------|---------------------------|----------|
| Bulk Density | 1.53 g/cc | 0.0554 lb/in ³ | |
| Density | 2.50 g/cc | 0.0903 lb/in ³ | |
| Particle Size | 180 - 250 µm | 180 - 250 µm | |
| Particle Mesh Size | 60 - 80 Mesh | 60 - 80 Mesh | US Sieve |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|----------------|-------------------|--------------------|
| Hardness, Knoop | 515 | 515 | kg/mm ² |
| | @Load 0.100 kg | @Load 0.221 lb | |
| Hardness, Mohs | 5.0 - 6.0 | 5.0 - 6.0 | |
| Compressive Strength | 96.5 - 248 MPa | 14000 - 36000 psi | |
| Coefficient of Friction | 0.90 - 1.0 | 0.90 - 1.0 | |

| Optical Properties | Metric | English | Comments |
|--------------------|-------------|-------------|----------|
| Refractive Index | 1.51 - 1.52 | 1.51 - 1.52 | |

| Descriptive Properties | Value | Comments |
|-------------------------|-----------|----------|
| % Round | 90 | |
| Free Silica Content (%) | 0 | |
| Shape | spherical | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China