

## Potters Industries A-Series P-0080 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-0080-Soda-Lime-Silica-Technical-Quality-Solid-Glass-Spheres.php](http://www.lookpolymers.com/polymer_Potters-Industries-A-Series-P-0080-Soda-Lime-Silica-Technical-Quality-Solid-Glass-Spheres.php)

Physical Properties	Metric	English	Comments
Bulk Density	1.53 g/cc	0.0554 lb/in <sup>3</sup>	
Density	2.50 g/cc	0.0903 lb/in <sup>3</sup>	
Particle Size	150 - 210 µm	150 - 210 µm	
Particle Mesh Size	70 - 100 Mesh	70 - 100 Mesh	US Sieve

Mechanical Properties	Metric	English	Comments
Hardness, Knoop	515	515	kg/mm <sup>2</sup>
	@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	

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