

Potters Industries A-Series A-130 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-A-130-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	1200 - 1700 µm	1200 - 1700 µm	
Particle Mesh Size	12 - 16 Mesh	12 - 16 Mesh	US Sieve

Mechanical Properties	Metric	English	Comments
Hardness, Knoop	515 @Load 0.100 kg	515 @Load 0.221 lb	kg/mm ²
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	80	
Free Silica Content (%)	0	
Shape	spherical	

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