

## Potters Industries Spheriglass® EMB-10 Low Alkaline Boro-Silicate Solid Glass Microspheres

Category : Ceramic , Glass , Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

Spheriglass® solid glass microspheres have been developed as a filler for paints, coatings, and films. Information provided by Potters Industries.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Potters-Industries-Spheriglass-EMB-10-Low-Alkaline-Boro-Silicate-Solid-Glass-Microspheres.php](http://www.lookpolymers.com/polymer_Potters-Industries-Spheriglass-EMB-10-Low-Alkaline-Boro-Silicate-Solid-Glass-Microspheres.php)

Physical Properties	Metric	English	Comments
Density	2.60 g/cc	0.0939 lb/in <sup>3</sup>	
Particle Size	5.0 µm	5.0 µm	Mean
	2.0 - 10 µm	2.0 - 10 µm	

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	6.5	6.5	

Thermal Properties	Metric	English	Comments
CTE, linear	5.10 µm/m-°C	2.83 µin/in-°F	
Thermal Conductivity	1.03 W/m-K	7.16 BTU-in/hr-ft <sup>2</sup> -°F	
Softening Point	830 °C	1530 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.53 - 1.57	1.53 - 1.57	

Component Elements Properties	Metric	English	Comments
Al2O3	14 %	14 %	
B2O3	5.7 %	5.7 %	
CaO	23.1 %	23.1 %	
Fe2O3	0.20 %	0.20 %	
K2O	<= 0.50 %	<= 0.50 %	
MgO	1.0 %	1.0 %	
Na2O	<= 0.50 %	<= 0.50 %	

Component Elements Properties	Metric	English	Comments
-------------------------------	--------	---------	----------

Descriptive Properties	Value	Comments
------------------------	-------	----------

Shape	spherical	
-------	-----------	--

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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