

Novum Glass Solid Soda-lime Uniform Series Glass Microspheres

Category : Ceramic , Glass

Material Notes:

Solid soda-lime glass microspheres in colorless powder form. Uniform Series Microspheres are used for controlling a bond line thickness in adhesive bonding. Solid glass microspheres are used in a variety of industries for maintaining a consistent space between objects, allowing for more repeatable results and fewer rejected parts. U-Series microspheres can be used for calibration where a NIST traceable size standard or identical particles are required. Information provided by Novum Glass, LLC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Novum-Glass-Solid-Soda-lime-Uniform-Series-Glass-Microspheres.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.40 - 2.60 g/cc	2.40 - 2.60 g/cc	

Mechanical Properties	Metric	English	Comments
Compressive Strength	276 MPa	40000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	9.00 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	5.00 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 30.0 - 300 $^\circ\text{C}$	@Temperature 86.0 - 572 $^\circ\text{F}$	
Softening Point	650 $^\circ\text{C}$	1200 $^\circ\text{F}$	

Optical Properties	Metric	English	Comments
Refractive Index	1.50 - 1.52	1.50 - 1.52	n_{D}

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	0.0 - 5 %	0.0 - 5 %	
CaO	6 - 15 %	6 - 15 %	
Fe ₂ O ₃	≤ 1 %	≤ 1 %	
MgO	1 - 5 %	1 - 5 %	
Na ₂ O	10 - 20 %	10 - 20 %	
SiO ₂	67 - 75 %	67 - 75 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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