

Vesta Ceramics SicoNide® S S Silicon Nitride Powder

Category : Ceramic , Nitride

Material Notes:

General Description:SicoNide® is a silicon nitride powder with a broad particle size distribution allowing better, tighter packing when pressed. Our computer-controlled production processes guarantee a consistent high powder quality. Post-processing is carried out in a separate system to achieve the highest possible powder purity.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Vesta-Ceramics-SicoNide-S-S-Silicon-Nitride-Powder.php

Physical Properties	Metric	English	Comments
Particle Size	0.21 - 0.36 µm	0.21 - 0.36 µm	D10 (Malvern)
	0.90 - 1.3 µm	0.90 - 1.3 µm	D50 (Malvern)
	3.7 - 7.5 µm	3.7 - 7.5 µm	D90 (Malvern)
Specific Surface Area	6.0 - 8.0 m²/g	6.0 - 8.0 m²/g	Low range
	8.0 - 10 m²/g	8.0 - 10 m²/g	Mid range
	10 - 12 m²/g	10 - 12 m²/g	High Range

Component Elements Properties	Metric	English	Comments
Aluminum, Al	0.060 - 0.12 %	0.060 - 0.12 %	
Calcium, Ca	0.010 - 0.050 %	0.010 - 0.050 %	
Carbon, C	<= 0.50 %	<= 0.50 %	
Iron, Fe	0.19 - 0.30 %	0.19 - 0.30 %	
Oxygen, O	0.70 - 1.5 %	0.70 - 1.5 %	
Si3N4	98.3 %	98.3 %	
Silicon, Si	<= 0.20 %	<= 0.20 %	

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