

Esstech Esstech DSS™ V-117-4107 Silinated Dental Glass

Category : Ceramic , Glass , Glass Ceramic , Oxide , Silicon Oxide

Material Notes:

Esstech DSS™ Glass features optimized levels of silane and improved hydrophobicity, properties which may result in improved adhesion & compatibility of the organic / inorganic surfaces in the composite. This results in improved mechanical strength of composites. CAS # 65997-17-3 Information provided by ESSTECH, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Esstech-Esstech-DSS-V-117-4107-Silinated-Dental-Glass.php

Physical Properties	Metric	English	Comments
Density	3.049 g/cc	0.1102 lb/in ³	
Particle Size	0.70 μm	0.70 μm	median

Thermal Properties	Metric	English	Comments
CTE, linear	5.625 μm/m-°C	3.125 μin/in-°F	

Optical Properties	Metric	English	Comments
Refractive Index	1.553	1.553	

Component Elements Properties	Metric	English	Comments
B2O3	9.0 %	9.0 %	
BaO	33 %	33 %	
SiO2	50 %	50 %	

Descriptive Properties	Value	Comments
Silane by TGA (%)	1	

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