

Esstech V-116-1130 Barium Silicate Glass

Category : Ceramic , Glass , Glass Ceramic

Material Notes:

Barium Silicate glass is an inorganic filler with a high refractive index of 1.580. It also has a high coefficient of thermal expansion and a high barium content, which increases its x-ray opacity. CAS # 65997-17-3. Information provided by ESSTECH, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Esstech-V-116-1130-Barium-Silicate-Glass.php

Physical Properties	Metric	English	Comments
Density	3.40 g/cc	0.123 lb/in ³	
Particle Size	13 µm	13 µm	median

Thermal Properties	Metric	English	Comments
CTE, linear	6.70 µm/m-°C	3.72 µin/in-°F	

Optical Properties	Metric	English	Comments
Refractive Index	1.58	1.58	

Component Elements Properties	Metric	English	Comments
BaO	46 %	46 %	
SiO ₂	49 %	49 %	

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