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TECHNICAL DATA SHEET - PSF 200 BG Artificial Turf Fill

PRODUCT INFORMATION

PSF 200 BG is a unique product made from over 90% post-consumer recycled -100 mesh glass flour. Our process uses recycled material that weighs over 75 pounds per cubic foot and converts it into a cellular product with bulk densities ranging from 20 to 60 pounds per cubic foot. The cellular nature of PSF 200 BG imparts property changes that greatly enhance characteristics of conventional materials. These enhanced properties allow recycled material to be used in applications formerly limited to less environmentally sound materials. Physical Properties that are enhanced are Insulation (R or U value), Acoustical Dampening, Weight and Fire Resistance.

PRODUCT SIZES

PSF 200 BG screen sizing	12 x 22 mesh 10 x 18 mes

*Custom Screening is available to match batch design requirements with quantity orders.
**Larger sizes, smaller sizes or unique particle size distributions are available upon request with quantity orders.

PRODUCT DENSITY

PSF 200 BG Density Grades as follows:

	Bulk Density (#/Ft3)	Specific Density (gm/cc)
Dense Bead	42	1.28

Specific Density is measured using water displacement method and can be calculated using the equation as follows:

y = Specific Density in gm/cc
x = Bulk Density in #/Ft^3

y = .0314***x*** - .0373 [Equation has an R^2 value of .9]

*We have the ability to center our production process to match custom density requests for quantity orders.

COMPRESSIVE STRENGTH

Compressive Strength	680 PSI

SOFTENING POINT

Softening Point	>815^oC

COLOR

Standard product is off-white to grey. Colored product is available in Brown and Green. Our color-through technology results in a product that is colored throughout the entire structure and is not a coating that will wear off.
Custom colors are available upon request with quantity orders.

Patent(s) pending on all Viceroy Ceramic Products listed above.