

plus9beads® for Airport markings
High Index Glass beads from Swarco, Austria

TYPE**plus9beads®**

300 – 850 µ acc. US spec. TT-B-1325 D Type III

DESCRIPTION

plus9beads are crystal-clear, transparent microspheres with a refractive index of min. 1.9. They are made of a high-quality pure melt and distinguish by high homogeneity and brilliance.

plus9beads are resistant against acids, calcium chloride, sodium sulfide, and water. There are no free crystalline silica; surface coatings are possible.

COATING

These beads are not coated. Coating can be done as per requirement.

TECHNICAL DATA

Test	Unit	Standard
Appearance	--	White powder
Size gradation	µ	300 - 850
Refractive Index	-	+1.9
Roundness	%	> 80 true spheres
Coating	-	-
*Specific weight	g/cm ³	4.5 ± 0.3
*Bulk weight	g/cm ³	2.5 ± 0.3
*Softening point	°C	over 1,000

***Tests will not be reported on COA.**

SIEVE ANALYSIS

Diameter (µm)	Standard Retain (%)
1180	0
850	0 - 5
600	25 - 45
425	65 - 85
300	95 - 100

APPLICATION

Thanks to their optical quality, **plus9beads** provide excellent retro reflectivity in various industrial and scientific applications, such as

- Reflective sheeting, airport runway markings
- User-specific applications in different fields e.g. reflective paints, decoration, filler material

STORAGE

Dry and sheltered

PACKAGING

Multi-layer paper bags of 25 kg net (standard), or as per requirement

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