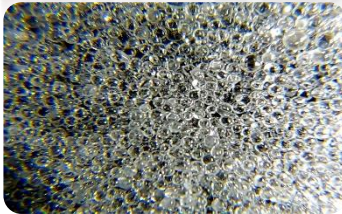


Vantac Glass Beads Type I is designed for giving retro-reflectivity on road marking. We offer Silicon & Silane coated glass beads diameter from 63-1100 (microns) with refractive index ≥ 1.50 .

With the Silicon & silane coating, the glass beads can be easily locked to different kinds of paint such as MMA and thermoplastic.



The following data were obtained from the AASHTO M247 lab test on the physics, chemistry function and the sieve analysis.



Item	Standard	Value
Specific gravity	2.4-2.6	2.5
Refractive index	≥ 1.5	1.52
Spherical beads (%)	>70	80.1
Arsenic	$<50\text{ppm}$	$<10\text{ppm}$
Lead	$<90\text{ppm}$	$<8\text{ppm}$
Antimony	$<75\text{ppm}$	NA

Remark: The heavy metal tests are done reference to the test methods of 3052 and 6010C.

AASHTO M247-11 TYPE I SIEVE ANALYSIS

Mesh (Micrometer)	Percent Passing (%)
1180	100
850	95-100
600	75-95
300	15-35
150	0-5

