

Glass Beads – AASHTO Lite M247 Type 1 Dual Coated

Technical Data Sheet

This product is a manufactured high purity glass for road beads. Contains no crystalline silica, as all components are amorphous.

TYPICAL CHEMICAL AND PHYSICAL PROPERTIES:

Item	Standard	Typical Result
Specific Gravity (g/cm ³)	2.4 – 2.6	2.5
Refractive Index	≥1.5	1.51
Spherical Beads %	>70	81.8
Coating	Silicone and Saline	Silicone and Saline
Content of heavy metal	Arsenic	<200 ppm
	Lead	<200 ppm
	Antimony	<200 ppm

TYPICAL GRADATION:

This information represents average results of laboratory testing. Some reasonable variations are to be expected.

U.S. Mesh	Microns	Per Cent	
		Retained	Passing
20	850	0.0	100.0
30	600	14.0	86.0
50	300	64.5	21.5
100	150	20.0	1.5
Pan	0	Trace	0.0

