

Technical Data Sheet

M247 Type 1 70% Roundness Uncoated

Description: Intermix glass beads meeting the requirements of AASHTO Type 1 gradation, 70% rounds, uncoated.

Gradation:

Sieve Designation		Percent Passing (by weight)	
Standard (mm)	Alternate Number (mesh)	Min	Max
1.180	16	100%	
0.850	20	95%	100%
0.600	30	75%	95%
0.300	50	15%	35%
0.150	100	0%	5%

Typical Properties:

- Color colorless
- Coating uncoated
- Specific Gravity 2.4 – 2.6
- Index of Refraction Min. 1.5
- SiO₂ Min. 70%
- Iron Content Max. 0.13%

Technical Data Sheet

M247 Type 1 70% Roundness Dual Coated

Description: Drop on glass beads, AASHTO M247 Type 1 gradation, 70% rounds overall, coated with a dual coating for moisture resistance and adhesion.

Gradation:

Sieve Designation		Percent Passing (by weight)	
Standard (mm)	Alternate Number (mesh)	Min	Max
1.180	16	100%	
0.850	20	95%	100%
0.600	30	75%	95%
0.300	50	15%	35%
0.150	100	0%	5%

Typical Properties:

- Color colorless
- Coating dual coated
- Specific Gravity 2.4 – 2.6
- Index of Refraction Min. 1.5
- SiO₂ Min. 70%
- Iron Content Max. 0.13%