



Standard Name: AASHTO M247-13



Original Country: U.S.A

PROPERTIES:

Item	Standard
Appearance	Clean, transparent, no obvious impurity
Density	2.4-2.6 g/cm ³
Proportion of Ball Fleck	Type 0 > 70% Type 1 > 70% Type 2 > 70% Type 3 > 90% Type 4 > 90% Type 5 > 90%
Refractive Index	1.5 Min.
Composition	SiO ₂ content > 64%

Particle size statistics: Passing & Retained ratio

Particle size distribution :

Type	Diameter(μm)	% Passing
TYPE 0	600	100
	425	90 - 100
	300	50 - 75
	180	0 - 5
TYPE 1	1180	100
	850	95-100
	600	75 - 95
	300	15 - 35
	150	0 - 5
TYPE 2	1180	100
	850	90 - 100
	600	50 - 75
	425	15-45
	300	0-15
	180	0-5
TYPE 3	1700	100
	1400	95-100
	1180	80-95
	1000	10-40
	850	0-5
	710	0-2



Type	Diameter(μm)	% Passing
TYPE 4	2000	100
	1700	95-100
	1400	80-95
	1180	10-40
	1000	0-5
	850	0-2
TYPE 5	2350	100
	2000	95-100
	1700	80-95
	1400	10-40
	1180	0-5
	1000	0-2

Function:

Type 0 Drop on

Type 1 Drop on

Type 2 Intermix

Type 3 Intermix and drop on

Type 4 Intermix for wet night paint

Type 5 Intermix for wet night paint

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