

MATERIAL CLASSIFICATIONS

Major Class	Material Characteristics Included	Code Designation
Density	Bulk density, loose	Actual lbs/cu. ft.
Size	Very Fine No. 200 sieve (.0029") and under No. 100 sieve (.0059") and under No. 40 sieve (.016") and under	A ₂₀₀ A ₁₀₀ A ₄₀
	Fine No. 6 sieve (.132") and under	B ₆
	Granular 1/2" and under 3" and under 7" and under 16" and under	C _{1/2} D ₃ D ₇ D ₁₆
	Lumpy Over 16" to be specified (x = actual maximum size)	D _x
	Irregular Stringy, fibrous, cylindrical, slabs, etc.	E
Flowability	Very free flowing — flow function > 10	1
	Free flowing — flow function > 4 and < 10	2
	Average flowability — flow function > 2 and < 4	3
	Sluggish — flow function < 2	4
	Mildly abrasive (Index 1-17)	5
Abrasiveness	Moderately abrasive (Index 18-67)	6
	Extremely abrasive (Index 68-416)	7
	Builds up and hardens	F
Miscellaneous Properties or Hazards	Generates static electricity	G
	Decomposes (deteriorates in storage)	H
	Flammability	J
	Becomes plastic or tends to soften	K
	Very dusty	L
	Aerates and becomes fluid	M
	Explosiveness	N
	Stickiness/adhesion	O
	Contaminable, affecting use	P
	Degradable, affecting use	Q
	Gives off harmful toxic gas or fumes	R
	Highly corrosive	S
	Mildly corrosive	T
	Hygroscopic	U
	Interlocks, mats, or agglomerates	V
	Oils present	W
	Packs under pressure	X
	Very light and fluffy; may be windswept	Y
	Elevated temperature	Z