

6. MATERIAL CLASSIFICATION CODE CHART

MAJOR CLASS	MATERIAL CHARACTERISTICS INCLUDED	DEFINITION & TEST REFERENCE	CODE DESIGNATION
Density	Bulk Density, Loose	A-8	ACTUAL LBS/CF
Size	<p>Very Fine No. 200 Sieve (.0029") And Under No. 100 Sieve (.0059") And Under No. 40 Sieve (.016") And Under</p> <p>Fine No. 6 Sieve (.132") And Under</p> <p>Granular ½" And Under 3" And Under 7" And Under</p> <p>Lumpy 16" And Under Over 16" To Be Specified X=Actual Maximum Size</p> <p>Irregular Stringy, Fibrous, Cylindrical, Slabs, Etc.</p>	A-17	<p>A₂₀₀ A₁₀₀ A₄₀ B₆ C_½ D₃ D₇ D₁₆ D_X E</p>
Flowability	<p>Very Free Flowing - Flow Function > 10</p> <p>Free Flowing - Flow Function 4 But < 10</p> <p>Average Flowability - Flow Function > 2 But < 4</p> <p>Sluggish - Flow Function < 2</p>	A-12	<p>1 2 3 4</p>
Abrasiveness	<p>Mildly Abrasive - Index 1-17</p> <p>Moderately Abrasive - Index 18-67</p> <p>Extremely Abrasive - Index 68-416</p>	A-1	<p>5 6 7</p>
Miscellaneous Properties Or Hazards	<p>Builds Up and Hardens</p> <p>Generates Static Electricity</p> <p>Decomposes - Deteriorates in Storage</p> <p>Flammability</p> <p>Becomes Plastic or Tends to Soften</p> <p>Very Dusty</p> <p>Aerates and Becomes Fluid</p> <p>Explosiveness</p> <p>Stickiness-Adhesion</p> <p>Contaminable, Affecting Use</p> <p>Degradable, Affecting Use</p> <p>Gives Off Harmful or Toxic Gas or Fumes</p> <p>Highly Corrosive</p> <p>Mildly Corrosive</p> <p>Hygroscopic</p> <p>Interlocks, Mats or Agglomerates</p> <p>Oils Present</p> <p>Packs Under Pressure</p> <p>Very Light and Fluffy - May Be Windswept</p> <p>Elevated Temperature</p>	<p>B-3 B-5 B-7 B-11 B-2 B-8 B-1 B-10 B-18 B-19 B-6 B-12 B-4 B-4 B-13 B-14 B-15 B-16 B-20 A-11</p>	<p>F G H J K L M N O P Q R S T U V W X Y Z</p>

Source: Conveyor Equipment Manufacturers' Association 1988 "Classification and Definitions of Bulk Materials"