



MATERIALS SUITABLE FOR TRANSPORT WITH CONVEYING SCREWS

Conveyed material	Bulk density t/m ³	Material class ABC	Shifting resistance ftot
Aluminium hydrate	0.21-0.23	B	3.4
Ammonium saltpetre	1.0	C	4.0
Apples, dried, pressed	0.24	B	3.4
Asbestos	2.2-2.8	C	4.0
Arsenic oxide	1.6-1.9	B	3.4
Ash, dry, wet	0.7	C	5.5
Orange peel, dry	0.24	B	4.0
Activated carbon	0.2	B	3.0
Waste water sludge	0.8	B	2.8
Alkali cellulose	0.25	C	4.0
Baking powder	0.9	C	2.8
Cotton seeds, chopped	0.4	A	2.3
Cotton press cake	0.35	A	2.3
Cotton leaves	0.3	A	2.3
Cotton husks	0.2	A	2.3
Cotton seeds	0.4	A	2.3
Cotton seed meal	0.3	B	3.4
Lead salt, arsenic-acidic	1.1	B	3.4
Borax	0.8	B	3.8
Malting barley, dry	0.4-0.47	B	2.0
Malting barley, wet	0.9-0.95	B	2.3
Brown iron ore	3.2	C	5.0
Lignite, dry	0.65	B	3.0
Buckwheat	0.6	B	2.3
Cellophane flakes	0.46	A	2.3
Cement (Portland)	1.6	C	3.0
Powdered egg	0.25	B	3.4
Peanuts, shelled	0.64	B	2.0
Peanuts, crushed	0.65	A	2.3
Acetic acid salt	0.29	B	3.4
Ore, fine	2.8	C	3.48
Ore, granules	2.4	C	5.0
Ore, coarse	2.2	C	5.0
Earth, loamy	1.8	B	3.4
Earth, dry	1.5	B	4.0
Flaxseed	0.72	A	1.8
Flax, crushed	0.8	B	2.8
Fly ash	0.8-1.2	C	5.0
Fish meal	0.9	A	2.3
Barley	0.8	A	2.3
Face powder	0.4-0.5	B	3.4
Glauber's salt	1.4	B	3.4
Mica, ground	0.25	B	3.4
Graphite, flaky	0.65	A	2.3
Graphite powder	0.35	A	2.0
Gypsum, crushed	1.0-1.5	C	4.0
Gypsum, ground, dry	0.8-1.0	B	2.8
Semolina	0.66	A	2.3
Oats, crushed	0.35	A	2.3
Oats, rolled	0.3	A	2.3
Oats, loose	0.5	A	2.0
Hops, dry	0.56	B	2.3
Hops, wet	0.85	B	2.0
Charcoal, hard	0.33	A	2.0
Charcoal, soft	0.4	A	2.3
Wood flour	0.25-0.6	B	1.8
Coffee, green	0.51	A	2.3
Coffee, ground	0.4	A	2.0
Coffee, roasted	0.4	A	2.3
Chalk powder	2.0	C	3.0
Lime, slaked	0.55	A	2.3

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Lime hydrates	0.5	B	2.5
Calcium, arsenic-acidic	0.67	B	2.8
Cocoa beans with husk	0.6	C	2.0
Cocoa beans without husk	0.55	C	2.0
Cocoa nuts, roughly ground	0.3-0.35	A	2.0
Potassium salt	0.9	C	3.5
Bran	0.25	A	2.5
Coal, dry, lump coal	0.83	C	3.5
Coal, dry, cob coal	0.9	B	3.0
Coal, dry, lignite	0.65	B	3.0
Coal dust	0.8	A	2.3
Cork, ground	0.8	B	3.8
Cork, crushed	0.7	C	3.8
Wood resin, synth. alcohol	0.8	B	2.8
Chalk	1.1	B	3.4
Copra, cake	0.45	A	2.3
Cobra, broken	0.65	A	2.3
Copra, powder	0.65	A	2.3
Gravel, dry	1.3	C	5.0
Gravel, moist	1.5	C	5.0
Potatoes	0.7	A	2.5
Linseed, crushed	0.5	A	2.0
Almonds	0.45	B	2.0
Malt, dry, whole	0.45	A	2.0
Malt, dry, ground	0.35	A	2.3
Malt, wet	0.6	B	2.3
Maize, coarsely ground	0.6	A	2.0
Magnesia, fired	0.25	B	2.4
Flour	0.6	A	2.3
Milk powder	0.45	A	2.0
Mixed feed	0.5	A	2.3
Na ₂ CO ₃	0.9	C	3.0
Oilseed	0.7	A	2.3
Crushed oilseed	0.5	B	3.4
Phosphoric salts	0.7	B	3.8
Rice, polished	0.75	A	2.0
Rice, raw	0.56	A	2.0
Rye	0.74	A	2.0
Castor oil bean	0.4	A	2.0
Sawdust	0.21	B	2.8
Salt, dry	1.1	B	3.0
Soap powder	0.6	B	2.5
Soda, light	0.4	C	4.0
Soda, heavy	0.9	C	3.4
Sludge	0.67	C	3.5
Sulphur, broken	0.9	C	3.5
Starch, pulverised	0.7	A	2.8
Sand, dry	1.8	C	5.0
Soya beans, pressed	0.64	A	2.3
Soya beans, broken	0.55	A	2.3
Soya beans, raw	0.41	A	2.3
Soy bean flour	0.43	A	2.3
Soy bean meal	0.64	B	2.3
Lump coal	0.83	B	3.5
Coal tar	0.72	B	2.8
Tobacco, dry	0.2	A	2.8
Talcum	0.9	B	2.8
Talcum powder	0.9	B	2.8