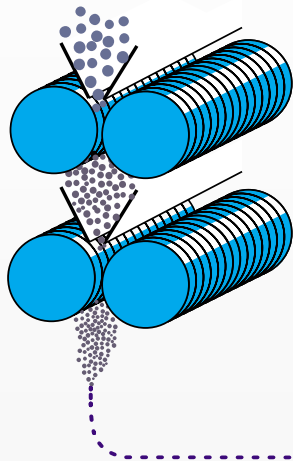




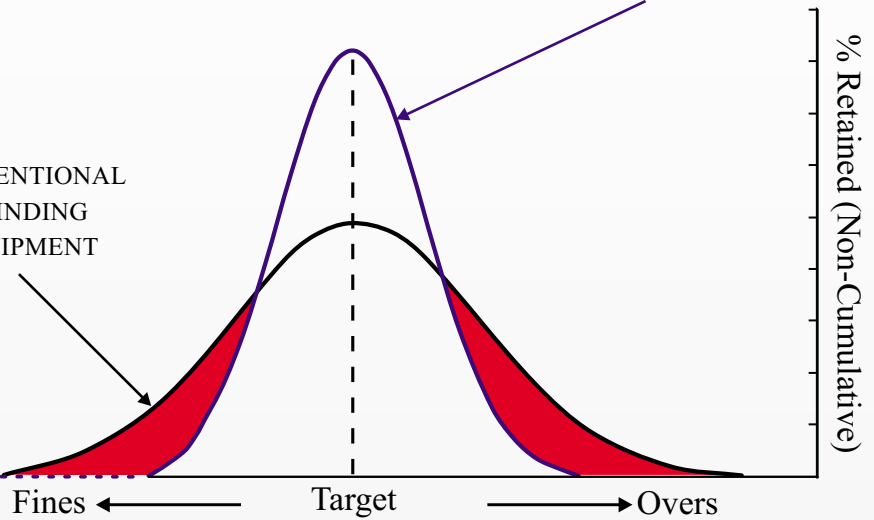
Superior Grinding

Precision particle reduction equipment, engineered for your needs



CONVENTIONAL GRINDING EQUIPMENT

THE MPE GRAN-U-LIZER™



Model IMD 1052TP
Super-Absorbent
Granulizer
An MPE Specialty

When a defined particle size distribution is important, MPE can deliver an optimized grind profile far superior to that achievable by any other grinding method.



Model IMD 1052TP
Graphite/Carbon
Granulizer
An MPE Specialty



Model IMD 99DP
All Purpose
Granulizer

For over 45 years, MPE has been the leader in engineering and manufacturing quality roller-style grinding equipment that can increase yields and reduce fines by up to 75%!



Model IMD 1052SP
Limestone/Mineral
Granulizer
An MPE Specialty



Model IMD 1052DP
Activated Carbon
Granulizer
An MPE Specialty

Contact MPE today for a no-cost test, including an analysis and sample grind of your product.



Model IMD 1052DP
High Temperature
(500°) Granulizer

MODERN PROCESS EQUIPMENT, INC.

THE WORLD'S LEADING MANUFACTURER OF ROLLER STYLE GRINDING EQUIPMENT

3125 South Kolin Ave.
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ph: 773.254.3929
fx: 773.254.3935
e:solutions@mpechicago.com
web:mpechicago.com/grinders

(see reverse for typical applications and particle size reference chart)

Typical Materials processed on MPE Equipment

SIZE CONVERSION TABLE			
U.S. Mesh	Tyler Mesh	Inches	Microns
4	4	0.1850	4699
5	5	0.1560	3962
6	6	0.1310	3327
7	7	0.1100	2794
8	8	0.0930	2362
10	9	0.0780	1981
12	10	0.0650	1651
14	12	0.0550	1397
16	14	0.0460	1168
18	16	0.0390	991
20	20	0.0328	833
25	24	0.0276	701
30	28	0.0232	589
35	32	0.0195	495
40	35	0.0164	417
45	42	0.0138	351
50	48	0.0116	295
60	60	0.0097	246
70	65	0.0082	208
80	80	0.0069	175
100	100	0.0058	147
120	115	0.0049	124
140	150	0.0041	104
170	170	0.0035	89
200	200	0.0029	74
230	250	0.0024	61
270	270	0.0021	53
325	325	0.0017	43
400	400	0.0015	38
Modern Process Equipment, Inc.			

Ideal MPE Finished Target Range

- | | | |
|----------------------|---------------------------|----------------------------|
| Adhesive | Dried Onion | Pesticide Granules |
| Acrylic Copolymer | Dried Polymer | Phosphate |
| Activated Alumina | Epoxy Salt | Pita Bread (Rework) |
| Activated Carbon | Epoxy Molding Compound | Plastics |
| Almonds | Expanded Pearlfite | Polyacrylamide |
| Alumina | Ferro Manganese | Polyamide Resin |
| Alumina Hydroxide | Ferrous Oxide | Polydextrose |
| Alumina Silica | Ferrous Silica | Polymer, Dry |
| Alumina Silicate | Fertilizer | Polyvinyl Acetate |
| Animal Bone | Flax Seed | Popcorn |
| Aspartame | Flour | Poppy Seed |
| Aspirin | Food Coloring | Potassium Chloride |
| Baking Soda | Freeze Dried Bacteria | Resin, Thermoset |
| Barium Sulfate | Frozen Eggs | Rice, Processed |
| Bentonite | Ginseng | Rock Salt |
| Bentonite Clay | Glass Frit | Roofing Material |
| Boron Nitrate | Granola | Salt |
| Boron Nitride | Graphite | Seasoning |
| Calcium Carbide | Graphite Resin | Seed |
| Calcium Carbonate | Gum Rubber | Silica |
| Calcium Chloride | Gum Rubber, Vulcanized | Silica, Amorphous |
| Calcium Hypochloride | Hazelnuts | Silicon Dioxide, Monoxide |
| Calcium Oxide | Ice Cream Cones | Silicon Metal |
| Calcium Stearate | Lead Acetate | Sodium Carbonate |
| Candy | Lead Strand | Sodium Chloride |
| Carbon | Lime | Sodium Phosphate |
| Carbon Black | Limestone | Sodium Sulfate |
| Carbon Graphite | Lithium Carbonate | Sodium Triphosphosphate |
| Carbon Silica | Macadamia Nuts | Soybeans |
| Cat Litter | Magnesium Fluoride | Spices |
| Catalysts | Magnesium Oxide | Starch Products |
| Ceiling Tile | Metallurgical Coke | Sugar |
| Charcoal | Molybdenum Oxide | Tea |
| Chlorine Dry Bleach | Molecular Sieve | Teflonized Carbon |
| Cinnamon | Monocalcium Phosphate | Thermoset Molding Compound |
| Citric Acid | Nuts, Dried | Thermoset Plastic |
| Clay, Extruded | Nuts, Macadamia & Almonds | Thermoset Resin |
| Coke | Paprika | Tile |
| Cookies | Pasta | Toffee |
| Cumin | Peanuts | Toner/Developer |
| Detergent | Pecans | Walnuts |
| Diatomaceous Earth | Pellets | Walnut Shells |
| Dolomite | Pepper | Wheat Flakes |
| Dried Garlic | Peppercorn | Wheat/Wheat Bran |
| | | Zinc Stearate |