



Equipment Division
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Customer Drying Test Data Sheet

Date: _____ **Company** _____ (SR) _____

Customer Contact: _____ **Phone:** _____ **Fax:** _____

Type of Test : Milling _____ Drying _____ Calcining _____ Classifying _____

Material: Chemical _____ CAS No. _____ UN No. _____

Trade Name _____ Quantity to be sent _____ Value/lb _____

(Please send control samples, MSDS, completed Customer Test Data form and P.O. number before your test .)

Is material insured while at our facility ? _____ What is material's end use? _____

Is material a component used in food, drugs or cosmetics? _____

Absolute Spec. Gravity _____ Scale of Hardness _____ Bulk Density _____ lbs / cu. ft.

Does it soften when heated? _____ Temp _____ F _____ C Is it water soluble? _____

Is high temp harmful in any way? _____

Is material flammable? _____ At what temp is it flammable? _____ F _____ C

What particle size is the feedstock? _____ mean value _____ maximum size

Does feedstock flow easily? _____ Can it be screw fed? _____

Feedstock moisture content: _____ % Water _____ % Solvent What kind of solvent? _____

Is the material explosive as a feedstock or fine powder? _____ Explosion Severity _____

Explosive Concentration _____ minimum _____ maximum

Are there any volatiles ? _____ LEL _____ % vol UEL _____ % vol.

HMIS Rating: _____ Health _____ Flammability _____ Reactivity _____ Personal Protection

Color of feedstock _____ Physical Structure _____

Is the material hygroscopic as a feedstock? _____ As a finished product? _____

Safe handling procedures for this material: _____

Product Requirements: Average particle size _____ Maximum size _____

Moisture Content: _____ % LOD _____ % LOI Bulk Density _____ lbs / cu. ft.

Is color critical? _____ Color required _____

Samples: Do you require lab or application samples to be taken and packaged separately from test materials ? _____

Sample size _____ Sampling frequency _____

Send samples to: _____ Ship balance of test materials and unused feedstock to: _____

Particle Analysis: What particle size analysis (PSA) method do you use? _____ Laser Diffraction _____ Sieve _____ Microscopic

If other, please describe. _____

If laser, what manufacturer and model ? _____

Which suspension fluids do you use? _____ Which dispersants? _____

If sonication is used, what manufacturer, model, wattage and duration? _____

Describe any other sample prep needed _____

Which statistics are most important in your PSA report? _____ Mean _____ Median %<: _____ d50 _____ d90 _____ d100 _____ (other)

Please send PSA reports for feedstock and control samples for comparison purposes with our laser equipment.

Moisture Analysis: Do you require loss on drying (LOD) or loss on ignition (LOI) ? _____ LOD _____ LOI

What sample size? _____ Temp? _____ F _____ C Duration? _____

Other method of moisture analysis? _____

Production: How is material currently produced? _____

What is current product particle size? _____ What is current product moisture? _____

What is the hourly production rate desired in pounds of finished product? _____

Utilities: Describe utilities currently available. Compressed air _____ CFM @: _____ PSIG @: _____ F

Steam _____ lbs/hr @ _____ PSIG @ _____ F

Electricity _____ Volts _____ Phase _____ Cycles _____ KVA

Do samples and test report go to the shipping address or billing address? _____

Shipping: _____ **Billing:** _____

Att: _____ **Att:** _____

Please indicate a preferred carrier for a Collect shipment for returning your test materials _____

Please provide a contact name and phone number for the person responsible for shipping and receiving your test materials.

Name: _____ Phone: _____ FAX: _____

Please provide the P.O. # for our billing purposes _____ (Invoices payable net 30 days)

Customer Data Sheet information provided by: _____

_____ (Name) _____ (Signature) _____ (Date)