

Customer Data	Company Name	<input type="text"/>
	Plant	<input type="text"/>
	Project	<input type="text"/>
	Adress	<input type="text"/>
	Contact Person	<input type="text"/>
	Phone Number	<input type="text"/>
	Email	<input type="text"/>
Material Data	Product Name	<input type="text"/>
	General Name of Material	<input type="text"/>
	Chemical Name	<input type="text"/>
	CAS-Number	<input type="text"/>
Please fill out completely!		

Project	CP Commission Number	<input type="text"/>
	Customer	<input type="text"/>
	Plant	<input type="text"/>
	Country	<input type="text"/>
Claudius Peters Data	Name	<input type="text"/>
	Phone Number	<input type="text"/>
	Email	<input type="text"/>

Calcining Test [Go to »»](#)

Grinding Test [Go to »»](#)

Standard Powder Test [Go to »»](#)

Pneumatic Conveying Test [Go to »»](#)

Calcining Test

Project	Material	<input type="text"/>	
	Purity	<input type="text"/>	%
	Surface moisture	<input type="text"/>	Mass %
Target values¹⁾	Grain size	<input type="text"/> % Residue on	<input type="text"/> µm-Sieve
		<input type="text"/> % Residue on	<input type="text"/> µm-Sieve
Material moisture	Moisture content	<input type="text"/>	Mass %
	Combined moisture	<input type="text"/>	Mass %
	Blaine value	<input type="text"/>	cm ² /g
	Initial setting time	<input type="text"/>	min

Grinding Test

Project	Material	<input type="text"/>	
	Purity	<input type="text"/>	%
	Surface moisture	<input type="text"/>	Mass %
Target values¹⁾	Grain size	<input type="text"/> % Residue on	<input type="text"/> µm-Sieve
		<input type="text"/> % Residue on	<input type="text"/> µm-Sieve
Material moisture	Moisture content	<input type="text"/>	Mass %
	Combined moisture	<input type="text"/>	Mass %
	Blaine value	<input type="text"/>	cm ² /g
	Initial setting time	<input type="text"/>	min

1) Fill in whatever is applicable.

Remarks	<ul style="list-style-type: none"> ▪ A pre-test with small material amount is advisable to identify the grindability. ▪ Moisture content and flowability to be identified before the test. ▪ Max Grain size of the raw material is 25 mm.
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Brief description of target/ schedule

Additional Information needed, please check page 5.

Standard Powder Test

- Necessary amount 10 l, delivered in sealed container.
- Sample must be a really representative sample.

Standard Test 1	<ul style="list-style-type: none"> ▪ Bulk density ▪ Tapped density ▪ Particle density ▪ Material moisture ▪ Particle size distribution ▪ Blaine value ▪ Angle of Repose 	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Standard Test 2	<ul style="list-style-type: none"> ▪ Fluidization stirred ▪ Fluidization unstirred 	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Standard Test 3	<ul style="list-style-type: none"> ▪ Aeroslide test 	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Special Test	Shear Test	Please specify the scope of work below	<input type="checkbox"/>
		Wall friction Please specify the wall material below	<input type="checkbox"/>
		Flow function at low consolidation pressure	<input type="checkbox"/>
		Time consolidation Please specify the storage conditions below	<input type="checkbox"/>
	Hardgrove Test	Detect the grindability of material	<input type="checkbox"/>
	YGP Test	Detect the wear at certain velocities	<input type="checkbox"/>
	Test	Min. Fluidisation velocities	<input type="checkbox"/>
	Test	BET-Value	<input type="checkbox"/>
	Test	Other Please specify below	<input type="checkbox"/>
	Specification		

Additional Information needed, please check page 5.

Pneumatic Conveying Test

- Before the conveying test a standard powder test is obligatory to define velocity ranges. For standard materials with known material data this is not necessary. For FLUIDCON test 2+3 are necessary as well.

Standard Powder Test 1	<ul style="list-style-type: none"> ▪ Standard conveying test 	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Standard Powder Test 2	<ul style="list-style-type: none"> ▪ Fluidization stirred ▪ Fluidization unstirred 	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Standard Powder Test 3	<ul style="list-style-type: none"> ▪ Aeroslide test 	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Pneumatic Conveying Test	Standard test rotary gate with standard pipe <ul style="list-style-type: none"> ▪ Test different velocities at two throughput levels ▪ Standard pipe DN 80, 150 m length ▪ A material test report must be available before the test can start 	<input type="checkbox"/>	
	Standard test rotary gate with FLUIDCON pipe <ul style="list-style-type: none"> ▪ Test different velocities at two throughput levels ▪ FLUIDCON pipe DN 100, 150 m length ▪ A material test report must be available before the test can start 	<input type="checkbox"/>	
	Standard test X-pump with standard pipe <ul style="list-style-type: none"> ▪ Test different velocities at two throughput levels ▪ Standard pipe DN 80, 150 m length ▪ A material test report must be available before the test can start 	<input type="checkbox"/>	
	Standard test X-pump with FLUIDCON pipe <ul style="list-style-type: none"> ▪ Test different velocities at two throughput levels ▪ FLUIDCON pipe DN 100, 150 m length ▪ A material test report must be available before the test can start 	<input type="checkbox"/>	
	Standard test pressure vessel with standard pipe <ul style="list-style-type: none"> ▪ Test different velocities at two throughput levels ▪ Standard pipe DN 80, 150 m length ▪ A material test report must be available before the test can start 	<input type="checkbox"/>	
	Standard test pressure vessel with FLUIDCON pipe <ul style="list-style-type: none"> ▪ Test different velocities at two throughput levels ▪ Standard pipe DN 100, 150 m length ▪ A material test report must be available before the test can start 	<input type="checkbox"/>	
	Remarks (brief description of target/schedule)		

Note For a standard conveying test 2 m³ of material are necessary. If there is high wear or attrition it might be necessary to replace the material following a few tests. The standard transport gas is compressed air. If nitrogen is needed as a conveying gas this will be charged extra.

Additional Information needed, please check page 5.

Safety Data Sheet	General	Is a material safety data sheet available?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Transport	Is the material classified as hazardous goods according ADR/RID (Accident procedures sheet must be included for transport)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Handling and disposal	Is the material classified as hazardous substance according German ordinance od hazardous substances (Gefahrstoffverordnung)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Disposal	Is a waste code number already defined (Abfallschlüsselnummer)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
		Waste Code		
	Transport/Storage	Are there products with which the material must not be stored?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Non Disclosure Agreement	Is a NDA needed for the tests? If you need a special template, please attach it.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Note	<p>Standard Test Protocol: Necessary amount 10 l, delivered in an sealed container. Sample must be representative sample. Sample must be safely packed to avoid damages or air/water intake.</p> <p>Special Testing: For most of the tests the necessary amount is 20 l, delivered in sealed containers. For same test, which need a frequent exchange of the product, a larger amount is needed. Sample must be a representative sample. Please clarify with CP the exact amount before sending the sample.</p> <p>Pneumatic conveying: For a standard conveying test 2 m³ of material is necessary. If there is high wear or attrition it might be necessary to replace the material following a few tests, then more material is needed. The standard transport gas is compressed air. If an inert operation is needed nitrogen is used as conveying gas.</p> <p>Calcing and grinding test: Contact CP for material demand.</p>			
Shipping	<p>Shipping the material to: Claudius Peters Projects GmbH Technical Center Schanzenstraße 40 21614 Buxtehude (Germany)</p> <p>Receiving hours: Monday to Thursday: 07:00 and 14:00 h Friday: 07:00 and 11:00 h</p> <p>Please note on the package your contact data and the Claudius Peters contact details and the commission number.</p> <p>Unless specified otherwise the material will be delivered to Buxtehude (INCOTERMS® DDP). Small material amounts will be delivered in suitable packages. Larger material amounts are preferably the delivered in big bags. Max. dimension: 0.9 x 0.9 x 1.2 m with 4 lifting lugs to unload with forklift and a max. weight of 1.0 t per unit.</p> <p>If unpacking is needed this can be done at an extra cost. Unless specified otherwise the responsibility for the complete return of the material and the coverage of all transport and disposal cost is with the client.</p>			

Note: Save the Questionnaire and send it via Email to projects@claudiuspeters.com