

## General data:

Company :	Date :
Contact :	Project name :
Address :	Telephone :
City :	Fax :
Country :	E-mail :

## Product specification

Name product :				
Chemical formula :				
Product composition :	1.	-	%	
	2.	-	%	
	3.	-	%	
	4.	-	%	
	5.	-	%	
	6.	-	%	
Bulk density :	kg / m <sup>3</sup> (average)	kg / m <sup>3</sup> (loose)	kg / m <sup>3</sup> (tamped)	
Specific weight :				
Product temperature :	°C			
Max.handling temp. :	°C			
Specific heat :	Kcal/kg. °C			
Particle size (µm) :	min	max.	d50 Value	
(if possible provide a sieve analysis)	large > 13 mm	medium <13 mm		
	fine < 3mm	very fine < 0,15 mm		
Particle shape :	Rounded	Sub round/round angular	Sharp angular	
	Cubic	Irregular/string/fibrous	Cylindrical	
	Flaky	Crystalline		
Angle of repose :	°			
Flowability :	Very free flowing	Free flowing	Average flowing	Sluggish
Fluidisable :	Very good	Good	Reasonable	Not
Abrasiveness :	Mohs			
Moisture content :	% wt (wet basis)			
Fat/oil content :	% wt (wet basis)			
Dust explosion characteristics :	Kst value	Bar. m/s		
	Pmax	Barg		
	Min. ignition energy	Mj		
	Min. ignition temp.	°C		
	Lower explosion limit	m <sup>3</sup>		
Characteristics :	Builds up & hardens	Flammable	Explosive dust	
	Generates static electricity	Plastifying	Sticky / adhesive	
	Decomposes in storage	Fluffy / dusty	Contaminable	
	Degradable	Bridging	Forms lumps	
	Brittle	Caustic	Harmful / toxic dust/fume	
	Corrosive	Hygroscopic	Interlocks / agglomerates	
	Packs under pressure	Elevates temp.		
Other characteristics :				

## System specification / application data

ATEX area classification :  
Location installation : outdoors indoors  
Time of operation : intermittent continuous hour/day  
Conveying capacity : tonnes / hour  
Capacity : m<sup>3</sup>/h min m<sup>3</sup>/h max  
Conveying distances : meters horizontal  
meters vertical  
no. of bends 90° pieces  
no. of bends 45° pieces  
no. of diverter valves pieces  
Distance compressor / blower to product supply : meters  
Pneumatic conveying system preference :  
Conveying medium :  
Product supply from :  
Product supply dosed : Yes No By:  
Available height at product supply :  
Product conveying to :  
Ambient temperature : °C max °C min  
Installation height above sea level :  
Max. relative humidity :  
Material product-contact parts :  
Material other parts :  
Electrical supply : Voltage (Volt) Phases (Ph) Frequency (Hz)  
Degree of protection :  
Insulation class :  
Explosion protection class :

### Requirements for conservation :

### Specific demands and standards :

### Extra information :