

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 ³ (average)	kg / m ³ (loose)	kg / m ³ (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	large > 13 mm	medium <13 mm		
a sieve analysis)	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	Kst value	Bar. m/s		
characteristics	Pmax	Barg		
	Min. ignition energy	Mj		
	Min. ignition temp.	°C		
	Lower explosion limit	m ³		
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 : m³/h min m³/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 :