



MATERIAL CHARACTERISTICS DATA SHEET

Lab Test No...244

Date: 13 Oct 2001

Material: Phthalic Anhydride

Reference:

Date:

Equipment Tag No.

Material Class **B27W**

Bulk Density, Dynamic (Kg./Mtr³) **909.49**

Compressibility (%) **15.31**

Slide Angle in Rusted M.S.Surface(In Degree) **33**

Slide Angle in Polished S.S.Surface(In Degree) **31**

Repose Angle (In Degree) **30**

Moisture Content (%) **2-3**

Pressure Sensitivity **Low**

	Material Characteristics	Class	
Size	Very fine – 100 mesh and under	A	x
	Fine-1/8 inch mesh and under	B	
	Granular-1/2 inch and under	C	
	Lumpy-Containing lumps over ½ inch Irregular-being fibrous,stringy,or the like	D H	
Flowability	Very free flowing-angle of repose up to 30°	1	x
	Free flowing-angle of repose 30° to 45°	2	
	Sluggish-angle of repose 45° and up	3	
Abrasiveness	Nonabrasive	6	x
	Mildly abrasive	7	
	Very abrasive	8	
Other Characteristics	Contaminable,affecting use or saleability	K	
	Hygroscopic	L	
	Highly corrosive	N	
	Mildly corrosive	P	
	Gives off dust or fumes harmful to life	R	
	Contains explosive dust	S	
	Degradable,affecting use or saleability	T	
	Very light and fluffy	W	
	Interlocking or mats to resist digging	X	
	Aerates and becomes fluid	Y	
Packs under pressure	Z		

Comments :

Particle Size Analysis (Mesh)

> 25	25	40	60	100	200	400	400+
44	20	16	20	NIL	NIL	NIL	NIL

Mesh	Micron
25	710
40	425
60	250
100	150
200	75
400	38

Bulk Density, Aerated (Kg./Mtr³)**885**.....

Bulk Density, Packed (Kg./Mtr³)**1045**.....

Physical Properties (Colour, Odour Etc.)**White**.....

Material Special Characteristics :

Decompose in storage Flammability Oils Present.

Deliquescent Potentially Explosive Stickiness

Chemical Composition

Remarks :

Tested By**Sudam Haldar**