

Figure 1

	PEELING	FIRST	SECOND	THIRD
PTFE	BEFORE			
	AFTER			
JIS CATEGORY		5		
PDA + PTFE	BEFORE			
	AFTER			
JIS CATEGORY		4		
SILICA	BEFORE			
	AFTER			
		4		
PDA + SILICA	BEFORE			
	AFTER			
JIS CATEGORY		2		

Figure 2

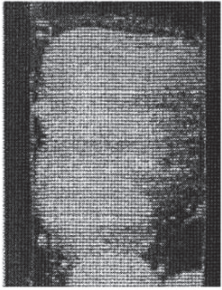
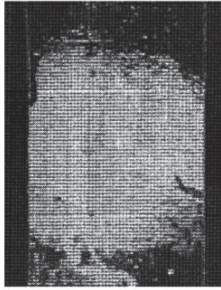
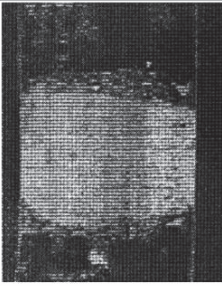
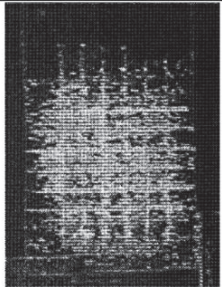
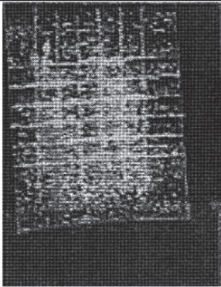
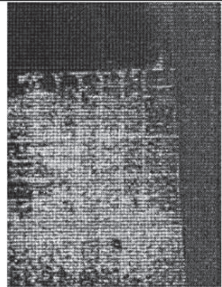
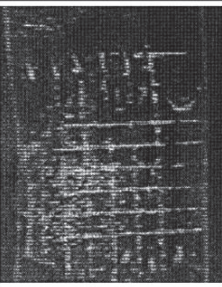
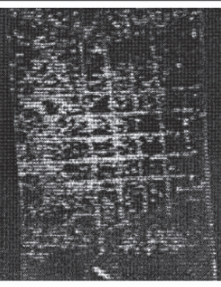
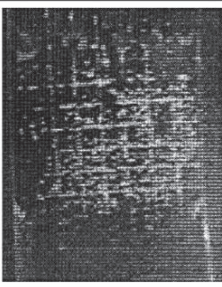
	FIRST	SECOND	THIRD
PTFE			
JIS CATEGORY	5		
PDA+PTFE			
JIS CATEGORY	4		
SILICA			
JIS CATEGORY	4		
PDA + SILICA			
JIS CATEGORY	2		

Figure 3

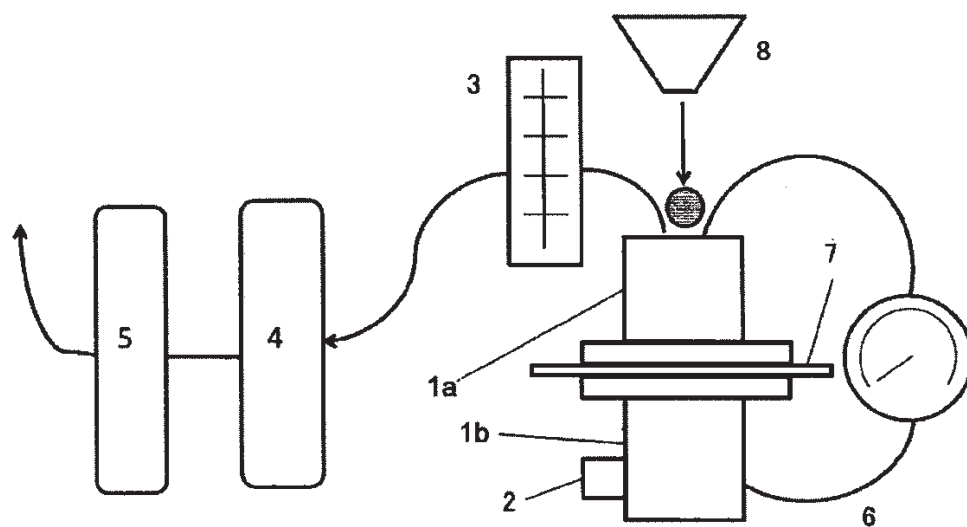


Figure 4

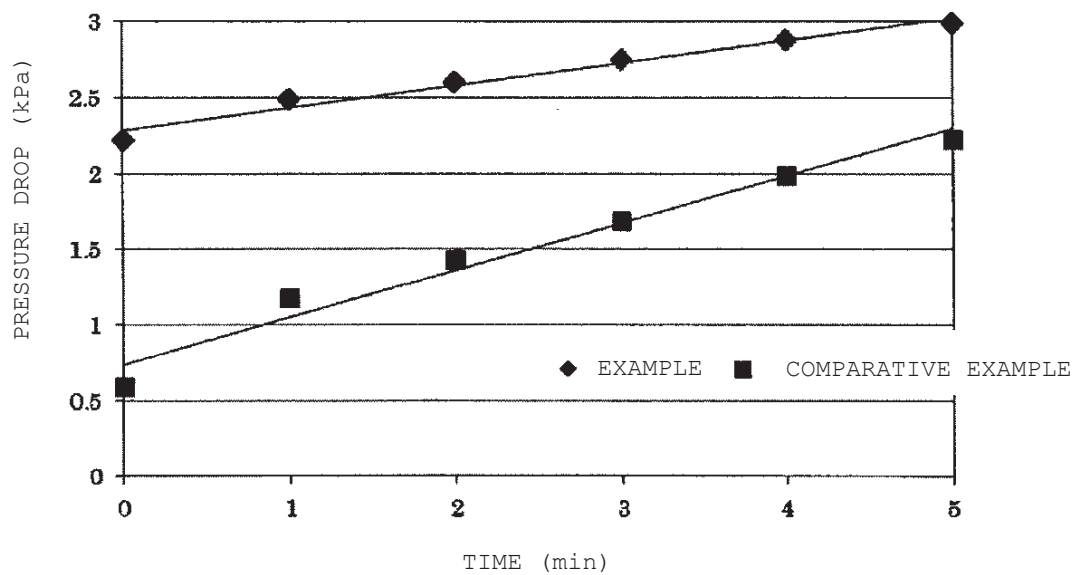


Figure 5

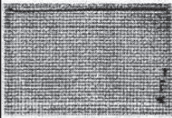
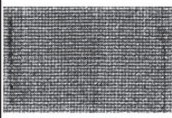
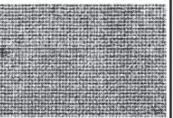
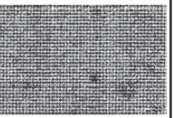
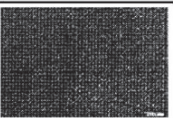
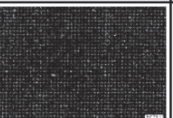
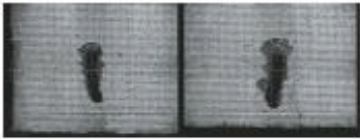
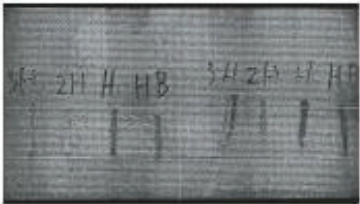
EXAMPLE	COATING POWDER	APPEARANCE	SURFACE		SURFACE ROUGHNESS Sa μm	STRENGTH POOR TO VERY GOOD
			50	200		
EXAMPLE 5	SPHERICAL SILICA				8.05	POOR
EXAMPLE 6	SPHERICAL SILICA				3.77	VERY GOOD
EXAMPLE 7	SPHERICAL SILICA				6.47	GOOD
EXAMPLE 8	ALUMINA				10.09	GOOD
EXAMPLE 9	HEMATITE				5.59	GOOD

Figure 6

EXAMPLE COMPARATIVE EXAMPLE	TYPE OF POWDER FOR DUST COLLECTION LOAD TEST	RESULT OF DUST COLLECTION LOAD (PENETRATING POWDER) VERIFICATION TEST	PENCIL SCRATCH HARDNESS TEST (6B~6H)	IMAGE OF PENCIL SCRATCH HARDNESS TEST
COMPARATIVE EXAMPLE 1	SILICA POWDER	0.03g	<6B	
COMPARATIVE EXAMPLE 2	CALCIUM CARBONATE FOR FLUE GAS DESULFURIZATION	0.03g		
EXAMPLE 4	SILICA POWDER	0.00g	H	
EXAMPLE 5	CALCIUM CARBONATE FOR FLUE GAS DESULFURIZATION	0.00g	6B	
EXAMPLE 6	CALCIUM CARBONATE FOR FLUE GAS DESULFURIZATION	0.00g	6B	