

Document No.	R&D-091203-1	<h1>Test Report</h1>			
Test Date	2009.09.14~12.03				
P.I.C	Ric				

Subject	15-Vhpb Clear Series adhesion test
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Purpose	Check the adhesion change according to UV irradiation condition.
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1. Sample

- 1.1 Model : 15-Vhpb03
- 1.2 Lot No : JF24A

2. Substrate

- 2.1 Peel Strength : PC. Glass
- 2.2 Dynamic Shear Strength, Holding Power : PC + Glass

3. Test Condition

- 3.1 Initial Adhesion Test : After 20min @ RT
- 3.2 Adhesion Test After 1000hrs : Without UV irradiation
- 3.3 Adhesion Test After 1000hrs : With UV irradiation

4. Test Result

Test Condition			Initial Adhesion	Adhesion after 1000hrs		
Description	Substrate	Unit		Without UV	With UV	
180° Peel Strength	PC	gf/25mm	3520	3621	4642	
	Glass		5214	6129	5237	
Dynamic Shear Strength	PC + Glass	Kgf/cm ²	4.23	3.93	7.14	
Holding Power	90°C	250g	SUS	hr	Over 24	Over 24
		100g			Over 24	Over 24
		500g			Over 24	Over 24
	60°C	250g			Over 24	Over 24
		100g			Over 24	Over 24
		500g			Over 24	Over 24
	23°C	500g			Over 24	Over 24
		250g			Over 24	Over 24
		100g			Over 24	Over 24

5. Conclusion

- 5.1 There is no adhesion decrease as time goes to be compared with initial adhesion.
- 5.2 There is very little adhesion difference between without UV and with UV irradiation after 1000 hrs adhesion test.

Remark	
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