

試驗報告

報告號碼: HV-2003-3-0026

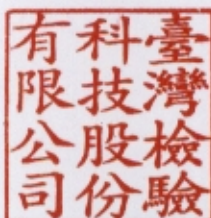
頁數: 1 OF 3

日期: 92年07月04日

委託者: 泰聯企業有限公司
 樣品名稱: SILICONE SEALANT(GLASS METAL & STONE)
 採(送)樣者: 泰聯企業有限公司
 送樣日期: 91年03月04日
 送樣日期: 91年03月05日~91年07月03日
 測試方法: ASTM C920 (Type S, Grade NS, Class 25)

試驗結果:

試驗項目		測試方法	試驗結果	要求值
Rheological properties	Vertical @50°C	ASTM C639	No sag	Shall not sag more than 4.8mm in vertical displacement
	Vertical @4.4°C		No sag	
	Horizontal @50°C		No sag	Shall show no deformation in horizontal
	Horizontal@4.4°C		No sag	
Extrusion Rate		ASTM C1183	108 mL/min	Shall have an extrusion rate of not less than 10mL/min
Hardness		ASTM C661	38	Not less than 15 or more than 50
Effect of Heat Aging		ASTM C1246	The weight lose 4.97% of its original weight. no cracking or chalking	Shall not lose more than 7% of its original weight or no cracking or chalking
Tack Free Time		ASTM C679	no transfer of the sealant to the polyethylene film at 72 h	Shall be no transfer of the sealant to the polyethylene film at 72 h
Stain and Color change		ASTM C510	No visible stain	Shall not cause any visible stain on the top surface of a white cement mortar



規範要求值僅供參考, 合格之判定以委託單位實際要求為準。

報告簽署人

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TW 0005862

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試驗報告

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頁數: 2 OF 3

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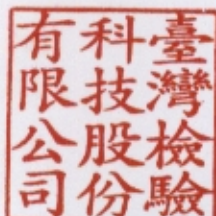
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測試方法: ASTM C920 (Type S, Grade NS, Class 25)

試驗結果:

試驗項目	測試方法	試驗結果	要求值
Adhesion and Cohesion under Cyclic Movement	Standard mortar	ASTM C719	none
	Glass		none
	Aluminum		none
Adhesion-in-Peel (With Standard mortar)	The peel strength-1	ASTM C794	1. 37.7 N
	The peel strength-2		2. 38.3 N
	The peel strength-3		3. 35.8 N
	The peel strength-4		4. 42.3 N
	% bond loss-1		1. none
	% bond loss-2		2. none
	% bond loss-3		3. none
	% bond loss-4		4. none
Adhesion-in-Peel (With Glass)	The peel strength-1	ASTM C-794	1. 42.4 N
	The peel strength-2		2. 55.5 N
	The peel strength-3		3. 44.5 N
	The peel strength-4		4. 46.0 N
	% bond loss-1		1. none
	% bond loss-2		2. none
	% bond loss-3		3. none
	% bond loss-4		4. none



規範要求值僅供參考, 合格之判定以委託單位實際要求為準。

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張繼文
報告簽署人

TW 0005863

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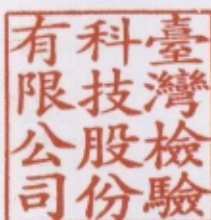
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試驗結果：

試驗項目		測試方法	試驗結果	要求值
Adhesion-in-Peel (With Aluminum)	The peel strength-1	ASTM C-794	1. 56.4N	The peel strength for each individual test shall not be less than 22.2 N with not more than 25% bond loss
	The peel strength-2		2. 65.6 N	
	The peel strength-3		3. 53.5 N	
	The peel strength-4		4. 54.6 N	
	% bond loss-1		1. none	
	% bond loss-2		2. none	
	% bond loss-3		3. none	
	% bond loss-4		4. none	
Effect of Accelerated weathering	After the specified ultraviolet exposure(Carbon-Arc Type)	ASTM C793	Example 0, No visible cracking	Shall no cracks greater than those shown in Example #2 of Fig.1 in Test Method C 793
	After exposure at cold temperature and the bend test		Example 0, No visible cracking	Shall no cracks greater than those shown in Example #2 of Fig.2 in Test Method C 793



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報告簽署人

TW 0005864

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