

AAG PVC STRIPS



test report standard tempt grade

Sample: FLEXIBLE PVC STRIP(STANDARD TEMPT GRADE) 200MM*2M				
No.	Test item	Test method	Test condition	Result
1	Relative density	ASTM D792-08 Method B	Absolute alcohol, 23±0.5°C	1,218
2	Shore hardness	With reference to ASTM D2240-05	Thickness: 5.51mm (3 layers plied up)	A/85/1(see note 1)
3	Brittleness temperature	ASTM D1790-08 and client's requirement	Temperature: -10°C Number of tested: 10 Thickness: 1.78mm	Number of failures: 0
4	Water absorption	ASTM D570- 98(2005)	Drying condition: 50±3°C, 24h Immersion condition: 23±1°C, 24h Specimen: 76.2×25.4×1.78mm	0,06%
5	Tensile strength	ASTM D882-09	Width: 25mm Thickness: 1.78mm Testing speed: 500mm/min Grip separation: 50mm	16.6MPa
6	Tensile force			738.3N
7	Tear resistance	With reference to ASTM D1938-08	Thickness: 1.81mm Testing speed: 250mm/min	46.0N
8	Total luminous transmittance	ASTM D1003-07ε1 Method A	Thickness: 1.78mm Light source type: C	86,70%
9	Temperature applicability	Supplied by client	Condition: -15°C, 48h	No visible change
10	Heat losing rate	With reference to ASTM D1509- 95(2000)	Condition: 125°C, 1h	0,12%
11	Oxygen Index	ASTM D2863-2008 Procedure B	Specimen: Type V Ignition procedure: Propagating ignition	22,40%
Note: 1. A/85/1--"A": type of durometer, "85": hardness value, "1": read time(s). 2. Heat losing rate, %=(Mass before heating - Mass after heating) / Mass before heating ×100 3. All specimens were cut from sample. 4. Test item 11 was conducted in SGS Shanghai Ltd.				