

ORIBAIN BPW 6782

1. Features

ORIBAIN BPW 6782 is a one-component, water-based, emulsion-type acrylic adhesive.

2. Specification

	Product name < BPW 6782 >
Appearance	Milky white emulsion
Non-volatile content	40.0±1.0 %
Viscosity	3500±500 mPa·s
pH	8.0 ± 0.5

Viscometer: Brookfield, spindle No. 4, 60 rpm at 25°C

3. Performance

Test Item: Measurement				Value
Peel strength [N/25mm]	23°C-50%RH	SUS	Immediately	0.9
			24hrs	1.3
		COPYING PAPER	Immediately	1.0
			24hrs	0.8
		CARDBOARD	Immediately	0.5
			24hrs	0.9
		PE	Immediately	0.3
			24hrs	0.2
		PP	Immediately	0.3
			24hrs	0.2

*) The above values are actual measurements and not guaranteed values.

< Sample Preparation Conditions >

Release paper : Polyethylene-laminated high-quality paper separator
 Substrate : Copying paper
 Coating method : Direct coating
 Coating weight : approx. 8-9g/m² (dry)
 Drying: : 100°C for 2 minutes in hot air oven
 Aging : At least 1 days at 23°C - 50% RH after coating and drying

4. Handling and Storage

Storage : Store indoors at 5-40°C. Avoid direct sunlight and freezing.
 Handling : Use protective equipment such as rubber gloves to prevent direct skin contact with the sample.

* The general description, recommended uses, application data and statements in the product literature and label are guidelines only. Users should test this product in advance to verify suitability for particular uses.

5. General Test Methods

< Peel strength >

Leave the sample and adherend under the test conditions for at least 30 minutes. Then, apply the sample to the adherend and press with a 2kg roller back and forth once before measuring.

Measure Peel strength using a tensile tester, pulling at 180 degrees at 300 mm/min.

Sample size	:	25mm width × 100mm length
Adherend	:	SUS plate, COPYING PAPER, CARDBOARD, PP plate, PE plate
immediately	:	Measure immediately after applying
24hrs	:	Measure after 24hrs in test conditions.
Test conditions	:	23°C-50%RH