

KADAR CAJ BAGI PERKHIDMATAN PENGUJIAN DI MAKMAL FIDEC

NO.	JENIS PENGUJIAN	CAJ PENGUJIAN (RM)	PARAMETER	JENIS SAMPEL
1.	Bending Strength	100.00	/set – max 10 pcs	
2.	Internal Bonding	150.00	/set – max 10 pcs	biokomposit
3.	Moisture Content	50.00	/set – max 10 pcs	
4.	Density	50.00	/set – max 10 pcs	
5.	Thickness Swelling / water absorption	80.00	/set – max 10 pcs	
6.	Tensile Strength	100.00	/set – max 10 pcs	
7.	Izod Impact Test	100.00	/set – max 10 pcs	biokomposit
8.	Fibre Tensile + microscope	100.00	/sample	fiber
9.	Contact Angle	50.00	/sample	Biokomposit & solid
10.	Surface Roughness	50.00	/set – max 10 pcs	
11.	Density Profile	200.00	/set – max 5 pcs	
12.	TGA – Thermogravimetric Analyzer	100.00	/sample	Sampel dlm bentuk powder
13.	DSC – Differential Scanning Calometry	150.00	/sample	
14.	<u>Formaldehyde Emission</u>		/set	
	- JAS 1751:2008	150.00/sampel		Plywood
	- JIS 1460:2001	150.00/sampel	/set	Building Board
	- ISO 12460-4:2016	150.00/sampel	/set	Wood Based Panel
	- MTIB-CB-PS-01:	150.00/sampel	/set	Building Board
	- Perforator / EN 120 / ISO 12460-5	150.00/sampel	/set	Wood based panel kecuali WPC
	- Gas Analyser / EN 717-2 / ISO 12460-2	350.00/sampel	/set – max 2 pcs	Wood Based Panel
- 1 m ³ Chamber / EN 717-1 / ISO 12460-1	500.00/sampel	/sample	Wood Based Panel	
15.	Nail Withdraw	100.00	/set – max 10 pcs	
16.	Screw Withdrawal	100.00	/set – max 10 pcs	
17.	Surface Soundness	100.00	/set – max 10 pcs	
18.	Thermal Conductivity	50.00	/sample	
19.	Chemical Composition	500.00		
20.	<u>FTIR</u>			
	- KBR	120.00	/sample	Solid
	- ATR	120.00	/sample	solid

21.	Abrasion	50.00	/sample	
22.	Furnace (Ash Content)	100.00	/sample	
23.	Fiber Morphology + Microscope	100.00	/sample	Fiber
24.	Microscope Wood Identification	50.00	/sample	
25.	Slide Preparation Anatomy	100.00	/sample	
26.	<u>Shear Plywood</u>		/set – max 10 pcs	Plywood
	- 5.1.1 MR (24 hours)	100.00		
	- 5.1.2 6 hours (short cyclic)	150.00	/set – max 10 pcs	
	- 5.1.3 CYCLIC	200.00	/set – max 10 pcs	
	- 5.1.4 WBP (72 hours)	150.00	/set – max 10 pcs	
27.	Shear Block	50.00	/set – max 10 pcs	Solid wood
28.	Hardness	50.00	/set – max 10 pcs	Solid Wood
29.	Compression	50.00	/set – max 10 pcs	Solid Wood
30.	UV Weathering Tester	5.00/jam	/sample	
31.	Gel Permeation Chromatography (GPC)	200.00	/sample	
32.	Melt Flow Index	50.00	/sample	
33.	Viscometer	25.00	/sample	
34.	Moisture Analyser	10.00	/sample	
35.	Dimension Stability	150.00	/set – max 5 pcs	Solid Wood
36.	Glossy Test	60.00	/sample	
37.	Coloring Test	50.00	/sample	