



काष्ठ कम्पोजिट जाँच एवं मूल्यांकन केन्द्र
Center for Testing And Evaluation of Wood Composites

भारतीय प्लाईवुड उद्योग अनुसंधान और प्रशिक्षण संस्थान
INDIAN PLYWOOD INDUSTRIES RESEARCH AND TRAINING INSTITUTE

(भारत सरकार, पर्यावरण एवं वन मंत्रालय का स्वायत्त निकाय)
(Autonomous Body of the Ministry of Environment & Forests, Government of India)

पोस्ट बैग सं. 2273, तुमकूर रोड, बंगलोर - 560 022

Post Bag No. 2273, Next to CMTI, Tumkur Road Off HMT Road, Bangalore – 560 022

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Speed Post

No. JD/PIPL/4167/Chem-5253/2012/Mumbai / 1352

Date: 28-06-2012

सेवा में/To,
M/s. Polygel Industries Pvt. Ltd.,
L 1, 205, The Great Eastern Galleria,
Plot No.20, Sector-4, Nerul (W),
Navi Mumbai – 400 706.

प्रिय महोदय,
Dear Sir,

विषय:नमूने के परीक्षण रिपोर्ट।

Sub: Test Report for Poly Vinyl Acetate adhesive sample (Turbofix Kushal)

संदर्भ: 1. आपका पत्रांक दिनांक

2. संस्थान की परीक्षण संदर्भ सं

Ref: Your Letter No. Nil dated 28.05.2012

कृपया उपरोक्त पत्र का संदर्भ लें।

Please refer to the above letter.

परीक्षण रिपोर्ट संलग्न है।

Test report is enclosed.

Encl.: a/a

भवदीय,

Yours faithfully,

संयुक्त निदेशक

Joint Director

भारतीय प्लाईवुड उद्योग

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Test Report

One sample of Poly Vinyl Acetate adhesive received from M/s. Polygel Industries Pvt. Ltd., L 1, 205, The Great Eastern Galleria, Plot No.20, Sector-4, Nerul (W), Navi Mumbai - 400 706, was tested as per IS:4835-1979 for Solid content, Ash content, pH, Bulk density and Glue joint strength.

Ref: Your Letter No. Nil dated 28.05.2012

Code No.: - Turbofix Kushal

Test Results

Sl. No.	Test	Prescribed value as per IS:4835-1979	Value obtained
1	Solid Content	Not less than 40%	56.25%
2	Ash Content	Not more than 2%	0.854%
3	pH	Greater than 5, less than 7	5.71@29.1°C
4	Bulk density	Not less than 0.9 kg	1.0842 gm/cm ³
5	GLUE JOINT STRENGTH		
	<u>DRY STRENGTH</u> 24 hours clamping	Min 300 kgs Failing Load (FL) -85% Wood Failure (WF)	300.83 kgs. (FL) 90%-95% (WF)
	<u>EARLY STRENGTH</u> 2 hours clamping	Min 180 kgs Failing Load (FL) -50% Wood Failure (WF) (60% of dry strength)	234.16 kgs. (FL) 90% (WF)

The specimen conforms to the requirements of IS 4835:1979.

Note: This Test report is relevant to the sample received for Testing.

संयुक्त निदेशक

Joint Director

भारतीय प्लाईवुड उद्योग

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