

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

Ph No. : 28394231-32-33, fax : 91-80-28396361

e-mail : contactus@ipirti.gov.in, website : //www.ipirti.gov.in



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No. JD/EIPL/4396/Phy-5713-14/2013/New Delhi

Date: 23.08.2013

TEST REPORT

Two types of plywood samples received from M/s. Eximcorp India Private Limited, 87/1, Mundka Industrial Area, Delhi Rohtak Road, New Delhi - 110 041, were tested for Flammability, Flame Penetration, Rate of Burning, Compressive strength, Modulus of Elasticity, Modulus of Rupture, Tensile strength, Glue shear strength as per IS:1734-1983 and Izod Impact strength as per IS:1998-1962.

Ref: Your email dated 10.06.2013

Sl. No.	Tests	Results	
		9mm Plywood	12mm Plywood
1	Flammability (Time taken for the second ignition), Min.	44	48
2	Flame penetration (Time taken for flame penetration from bottom to top surface of the door), Min.	29	34
3	Rate of burning (Time taken to lose weight from 70% to 30%), Min.	27	22
4	Compressive strength, N/mm ²	32.7	32.96
5	Modulus of rupture, N/mm ²		
	a) Parallel to face grain	66.02	82.42
	b) Perpendicular to the face grain	110.27	55.67
6	Modulus of elasticity, N/mm ²		
	a) Parallel to face grain	11371	9804
	b) Perpendicular to the face grain	14024	7406
7	Tensile strength, N/mm ²		
	a) Parallel to face grain	81.9	77.3
	b) Perpendicular to the face grain	74.5	68.0
8	Glue shear strength, N		
	a) Dry state	2170	2320
	b) Wet state (After 72 hrs of boiling)	1300	1060
	c) Mycological state	1470	1490
9	Izod impact strength, Kgm/cm ²	0.19	0.27

Note :

1. Test specimens were conditioned at 65±5% RH and at 27±2°C for mechanical tests.
2. Test results are relevant only to the material received for testing.

(Signature)

संयुक्त निदेशक

Joint Director

भारतीय प्लाईवुड उद्योग

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RESEARCH & TRAINING INSTITUTE

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Post Bag No. 2273, Tumkur Road

बंगलोर - 560 022

BANGALORE - 560 022.