

DATE- 12/07/2023

IS:4990-2011  
**PLYWOOD FOR CONCRETE SHUTTERING WORK**  
 BRAND NAME:WOODSTOCK 30KG

S.NO.	TEST	I.S.I.REQUIREMENT	RESULTS
1	Dimension a) Lenth b) Width c) Thickness d) Squareness e) Edge Straightness	+6, -0mm +3, -0mm +/-5% 0.2% 0.2%	2442 mm 1222 mm 12.26 mm 0.04 % 0.11 %
2	Moisture Content	5-15%	8%
3	Glue Shear Strength Dry in Condition	a) Individual Min. 1100 Newton b) Average Min. 1350 Newton	1480 Newton 1500 Newton
4	Glue Shear Strength after Wet Condition	a) Individual Min. 800 Newton b) Average Min. 1000 Newton	1100 Newton 1140 Newton
5	Glue Shear Strength In mycological test	Result	Under Process
6	Tensile Strength a.Parellel to grain direction b.Right angle to grain direction c.Sum of both directions	Min.325 Kgf./cm <sup>2</sup> Min.225 Kgf./cm <sup>2</sup> Min.600 Kgf./cm <sup>2</sup>	425 Kgf./cm <sup>2</sup> 325 Kgf./cm <sup>2</sup> 750 Kgf./cm <sup>2</sup>
7	Modulus of Rapture 1.Parellel to grain direction 2.Perpendicular to grain direction	AV-50 N/mm <sup>2</sup> IND-45 N/mm <sup>2</sup> AV-30 N/mm <sup>2</sup> IND-27 N/mm <sup>2</sup>	53.50 N/mm <sup>2</sup> 59.70 N/mm <sup>2</sup> 34.80 N/mm <sup>2</sup> 38.60 N/mm <sup>2</sup>
8	Modulus of Elasticity 1.Parellel to grain direction 2.Perpendicular to grain direction	AV-7500 N/mm <sup>2</sup> IND-6700 N/mm <sup>2</sup> AV-4000 N/mm <sup>2</sup> IND-3600 N/mm <sup>2</sup>	8120 N/mm <sup>2</sup> 8140 N/mm <sup>2</sup> 8180 N/mm <sup>2</sup> 4200 N/mm <sup>2</sup>

Quality Control Incharge


 Signature

## HARYANA WOOD PRODUCTS

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