



# Tipco Industries Limited

## PRODUCT INFORMATION

Category **Tipwood(Jute)- profile**

Features **Moderate strength I-beams, C-Channels for Staircases, Gratings, Perforated cable tray, Ladder type cable tray, Corrosion & Fire resistance, Replaces Wood, Fencings**

Application **Flooring, Deacking, Furniture, Fencings, and others**

Properties	ASTM Method	Units	Indicative Values
Specific Gravity	D 792	—	1.15 ± 0.05
Tensile Strength* @ Yield	D 638	N/mm <sup>2</sup>	80-130
Flexural Strength*	D 790	N/mm <sup>2</sup>	70-105
Flexural Modulus*	D 790	N/mm <sup>2</sup>	6000-8000
Compressive strength*	D 695	Mpa	70-100
Impact strength*	D-256		0.85-1.0 J/mm
Flame retardancy, 3.2mm	UL-94		UL-94 V0
Moisture absorption in water	D5229	%	0.5 - 1.2
Screw Withdrawal Strength		N	5000-6200

Note:- \* Property of material with \* subject to fiber orientation, sample preparation & type of reinforcement used.

[Mumbai](mailto:mumbai@tipco.in) [Delhi](mailto:delhi@tipco.in) [Chennai](mailto:chennai@tipco.in) [Kolkata](mailto:kolkata@tipco.in) [Bangalore](mailto:bangalore@tipco.in) [Pune](mailto:pune@tipco.in) [Hyderabad](mailto:hyderabad@tipco.in) [Overseas](mailto:exports@tipco.in) [Tipwood](mailto:tipwood@tipco.in) [AUTOTECH](mailto:info@autotechpolymers.in)  
[mumbai@tipco.in](mailto:mumbai@tipco.in) [delhi@tipco.in](mailto:delhi@tipco.in) [chennai@tipco.in](mailto:chennai@tipco.in) [kolkata@tipco.in](mailto:kolkata@tipco.in) [bangalore@tipco.in](mailto:bangalore@tipco.in) [pune@tipco.in](mailto:pune@tipco.in) [hyderabad@tipco.in](mailto:hyderabad@tipco.in) [exports@tipco.in](mailto:exports@tipco.in) [tipwood@tipco.in](mailto:tipwood@tipco.in) [info@autotechpolymers.in](mailto:info@autotechpolymers.in)

ISO Certified Companies

Data sheet for tipwood pultrusion method docx-Mar-13-AUTOTECH

Disclaimer: This information is based on our current state of knowledge, is given to the best of our experience and is intended to provide only general idea on our products and their possible uses, without any obligations, warranty or guarantee, and should therefore not be construed as guaranteeing any specific properties for the end uses desired, without complete & thorough prior testing and evaluation by user. This product is either in use, modified &/or discontinued from time-to-time without prior notice. Property values are typical & indicative, and do not constitute in any way as specifications, design or usage recommendations. Recommendations requires study of design, trials & field evaluation by buyer and/or end-user. Tipco / Autotech cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. Tipco / Autotech accepts no responsibility for results obtained by the application of this information or the safety and suitability of our products alone or in combination with other products. It is sole responsibility of user to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless specifically indicated, the grades mentioned are not suitable for applications in the food/pharmaceutical/medical sector. All products are supplied without any warranty or guarantee, and buyers and end-users shall assume all responsibility and liability for any loss or damage arising from handling and/or use of products, whether used alone or in combination with other products. Purchase of our goods & materials shall mean that buyer &/or end-user shall indemnify (and keep indemnified) Tipco / Autotech of any/all claims and responsibility for any use and end-use of our product either used alone or in combination with other products. Any existing 3rd party patent rights must be observed by buyer and end-user. All property values have tolerance limits and are subject to change without prior notice. Always confirm with us before any usage. Property values are obtained on specific testing equipment, procedures, methods, samples, conditions & speeds. For example, all tests are carried out on moulded specimens, thus values may differ elsewhere. Flammability is tested by us according to UL94 procedures. All rights are reserved. Tipcolene® Tipcolite® Tiprene® Tipwood® Tipline® Tipcol® are registered trademarks of Tipco Industries Ltd. ATP PLAST is registered trademark of Autotech Polymers (I) Pvt.Ltd. For further details please contact

Industrial unit: Tipco Industries Ltd., Dharampur Cross Road, N.H. 8, Abrama, Valsad 396 001

Regd.Office : Autotech Polymers (I) Pvt. Ltd., Tipco Plaza,Rani Sati Marg, Malad (E), Mumbai 400 097