

PRODUCT NOVELTY

	Matolutions TF-01	Coated Paper	Plastic laminates
Material	Biopolyester, Modified Starches, Fatty acids, Tamarind Wastes, Bamboo Dust	Agro-biomass like Bagasse coated with water-based or melt-based material	Petroleum based polystyrene
Environment	Home-compostable	Water-based coatings used are petroleum derived. Melt coatings (PLA) are industrial compostable. Recyclable only with thin coating layers(<5 GSM)	Non-biodegradable material facing bans in many countries
Economic	At present higher	More than plastics	Most affordable
Production and Performance	Evolution Stage	Efficiently produced; Products affected at high temperatures and high humidity	Easily processable, High performance even at high temperatures and moisture