

Wood-plastics

Wood-plastics Composite Materials Build a Healthy Eco-friendly Environment

Wood-plastics have remarkable developing value since it possesses the advantages of both plastics and wood, and it can be widely replaced various applications of timbers.

Plastics Injection Products

Plastics injection products possess the advantages of both plastics and wood. It has the excellent properties of moisture resistance, drilling and rivets performance, better structural rigidity, better appearance and tactile sensation, as well as improved anti-crushing performance. Its quality, homogeneity and environmental-friendly nature are significantly improved.

Outdoor Decking

AIE PE wood-plastics composite material is suitable for outdoor decking. It requires no maintenance and possesses the advantages of no cracking, no swelling, and no deformation, high rigidity, waterproof, mothproofing, and anti-corrosion as well.

Public Infrastructure

Green and eco-friendly are the social development requirements for public infrastructure. The AIE PE wood-plastic composite, which is used in fence, flower boxes, lounge chairs, trash bins, vines frames, and landscape parks, possesses a variety of advantages including remarkable wood texture, beautiful appearance, weather resistance, waterproof, mothproofing, anti-corrosion, easy to clean, and long duration as well.

The AIE PE wood-plastic composite represents our green philosophy. We have been concerned about the market demands for wood-plastic composite materials and concentrated on the study and development of high performance wood-plastic composite materials, hoping to expand its application areas by constantly breaking technical barriers and developing a series of special grades of wood-plastics composite.

Products Catalogue of Wood Plastics Composite Materials:

Brand Name	Carrier Resin	Content of Plant Fiber	Main Characters	Certificate	Molding Technique
WP1140	PE	40%	High flowability Anti-UV	ROHS	Injection Extrusion
WP1150	PE	50%	High flowability, Anti-UV	ROHS	Injection Extrusion
WP1160	PE	60%	Good Comprehensive Performance Anti-UV	ROHS	Injection Extrusion
WP1170	PE	70%	High rigidity Remarkable Wood Texture Anti-UV	ROHS	Extrusion
WP8840	PVC	40%	Good flowability Anti-compactness Flame-retardance	ROHS	Extrusion

WP8840-UV	PVC	40%	Good flowability Anti-compactness Flame-retardance Anti-UV	ROHS	Extrusion
WP8860	PVC	60%	Remarkable Wood Texture High Rigidity Flame-retardance	ROHS	Extrusion
WP8860-UV	PVC	60%	Remarkable Wood Texture High Rigidity Flame-retardance Anti-UV	ROHS	Extrusion

Application:

