



UV-Resistant Eco-Friendly TPE Infill Granules with Excellent Shock Absorption for Artificial Grass

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Taihui
- Certification: FIFA
- Model Number: T13R (A); T14R (A); T15R (A)
- Minimum Order Quantity: By Negotiation
- Price: By Negotiation
- Packaging Details: 25KG per recyclable PP bag
- Delivery Time: 7-10 Days
- Payment Terms: L/C,T/T
- Supply Ability: 1,000 TONS per month



Product Specification

- Material: TPE
- Size: 2-4mm
- Color: Customization
- Uva: 5000H
- Shock Absorption: Excellent
- Certifications: SGS
- Compatible With: Soccer/Rugby/Hockey Field
- Lead Time: 7-10 Days
- Application: Sports Fields, Playgrounds, Landscaping



More Images



Durable Turf Rubber Infill UV-Resistant Green TPE Infill Granules For Sports Field

Product Specification

Product Name	TPE infill granules for artificial turf
Brand	Taihui
Model	T13R (A); T14R (A); T15R (A)
Material	New environmentally Friendly TPE material
Shape	Octahedral prism, four-sided hollow extrusion, "T" shape
Granule Diameter	2-4 mm
Color	Green; Black; Customization
Usage	Football and other sports fields infilling



Product Advantages

- **Good environmental performance:** TAIHUI infill is a new eco-friendly polymer product with good recycling value.
- **High stability:** A stable infill system guarantees stability for trampling and running, comparable to natural soccer pitches.
- **Excellent shock absorption:** Provides excellent ball rebound similar to natural grass.
- **Good protection:** Protects players from scratches or abrasions.
- **High temperature resistance:** Prevents overheating at high temperatures, maintaining lower ground temperature than traditional rubber infills.
- **UV-resistant:** Excellent resistance to UV radiation, slowing down aging and extending pitch service life.
- **Low bulk density:** Hollow shape reduces bulk density and overall costs.

- **Solvent and oil resistance:** Good resistance to oil and corrosion.

Comparison between TPE Infill and SBR

Item	TPE	SBR
Environment-friendly and Safe	Yes	No
Recyclable	Yes	No
Bad Smell	No	Yes
Colour	Any color	Black
Heat absorption	Low	High
Produce Dust	No	Yes
Compaction	Less tendency	Very easy
Fire Retardant	Available	No

Product Display





Packing & Delivery



Why Infill is Needed for Artificial Turf

Artificial turf surfaces are smoother than natural turf, especially during rain. Proper infill granule application provides greater friction and creates a foot feel closer to natural turf, significantly improving field performance.

Filling granules and quartz sand compact artificial grass and stabilize the turf. Typically, quartz sand serves as the lower layer while infill granules form the upper layer.

Since artificial turf lacks soil, collisions or falls result in greater body stress and increased injury risk. Adding appropriate amounts of highly elastic filler particles effectively simulates soil feel and prevents injuries during field contact.



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