

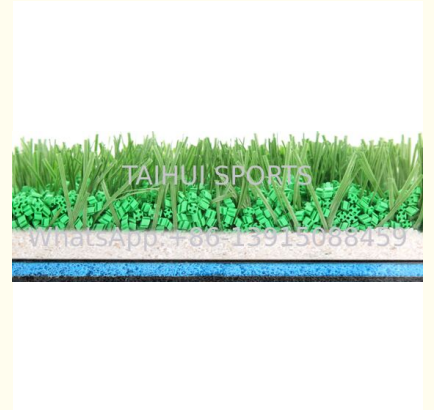


Eco-Friendly TPE Infill Granule For Artificial Grass UV-Resistant Recyclable Non-toxic

Our Product Introduction

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
- Fireresistance: Class B1
- Waterresistance: Waterproof
- Environmentalfriendly: Recyclable Material
- Sound Insulation: Reduction Of Impact Noise By 20 DB



More Images



for more products please visit us on shockpadunderlay.com

Eco-Friendly TPE Infill Granule For Artificial Grass UV-Resistant Recyclable Non-toxic

What is TPE Granule?

Thermoplastic Elastomer (TPE), also known as artificial rubber, combines the superior properties of traditional cross-linked vulcanized rubber (such as high elasticity, aging resistance, and oil resistance) with the processing convenience and versatility characteristics of ordinary plastics. It can be manufactured using various processing methods, including injection molding, extrusion, and blow molding. Its eco-friendly, non-toxic nature, coupled with a comfortable tactile feel and exquisite aesthetic appeal—which lends itself to more creative product designs—has established TPE as the latest material of choice for replacing traditional rubber.



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
Fire resistance	Class B1
Water resistance	Waterproof
Environmentally friendly	Recyclable
Thermal insulation	Great
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 the stability of trampling and running for athletes, comparable to a good natural soccer pitch.

Excellent shock absorbing: TAIHUI infill provides excellent ball rebound just as if it were on natural grass.

Good protection: TAIHUI infill protects players from scratches or abrasions.

High temperature resistance: Without overheating the space at high temperature, it makes the ground temperature lower than traditional rubber infills.

UV-resistant: TAIHUI infill has excellent resistance to UV, slowing down aging and extending pitch service life.

Low bulk density: TAIHUI infill in hollow shape reduces bulk density and overall costs.

Solvent and oil resistance: TAIHUI infill has good oil resistance and corrosion resistance.

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



Product Application

Professional & Semi-professional Sports Venues: Football fields, rugby fields, hockey fields, and other high-standard fields. Complies with international certificates, delivering stable ball speed and excellent sports protection.

Schools & Education Institutions: Playgrounds for primary, secondary, and tertiary schools, and activity areas for kindergartens.

High-end Landscapes & Leisure Areas: Roof gardens, balconies, commercial complexes, etc. Aesthetic, clean and dust-free, enhancing space quality.

Multi-functional Fitness Trails: Community fitness areas, running track, cushioning layers.

Packing & Delivery



Why is infill needed for artificial turf?

The surface of artificial turf will be smoother than that of natural turf, especially when it is raining. Filling with a proper amount of infill granule at this time can provide greater friction and provide a foot feel closer to that of natural turf, greatly improving field performance.

Filling granules and quartz sand are needed to compact artificial grass and stabilize the grass. Under normal circumstances, quartz sand is chosen as the lower layer and infill granules as the upper layer.

Because artificial turf does not have any soil, in the event of a collision or a fall, the body will be relatively stressed and very prone to injury. Adding an appropriate amount of highly elastic filler particles can effectively simulate the feeling of soil and prevent injuries when the body collides with the field.

Q&A

1. Are you a manufacturer?

Yes, we are a manufacturer of shock pads and infill granules for over 12 years, which is experienced in 3,500 sports fields, and 60+ quality FIFA pitches. Until now, we have provided 5 pads that passed EN15330-4.

2. What is your main product?

Shock pad, infill granule, indoor flooring, such as badminton flooring and basketball flooring.

3. What is your shipping term?

FOB, CNF, etc.

4. How long is your production time?

That's based on the quantity.

5. Do you accept customization?

Yes, we can accept OEM/ODM.



CHANGZHOU TAIHUI SPORTS MATERIAL CO.,LTD



13915088459



grace@taihuisports.com



shockpadunderlay.com

Building 3A-602, R&D Hub, Science&education Tower,Wujin District, China.