



Eco-friendly TPE Infill Granule for Artificial Grass with Recyclable Material, Good Thermal Insulation, and 20 dB Sound Insulation

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: TAIHUI
- Certification: FIFA
- Model Number: T12R
- Price: as our negotiation
- Payment Terms: L/C,T/T
- Supply Ability: 300,000sqms per month

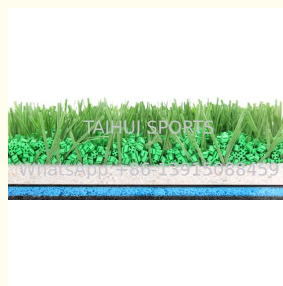


Product Specification

- Fireresistance: Class B1
- Waterresistance: Waterproof
- Maintenance Free: Yes
- Thermalinsulation: Good
- Environmentalfriendly: Recyclable Material
- Color: Green
- Sound Insulation: Reduction Of Impact Noise By 20 DB
- Soundinsulation: Effective



More Images



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Product Description

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 Advantages

Recyclability-Good recycling value
Good environmental protection performance-a new type of environmentally friendly polymer products
High impact absorption-Provides good ball bounce in motion, just like on natural grass.
No migration-High foot stability infill system, can ensure the stability if the athletes mid-site temperatures lower than traditional rubber fillings.
Protective-Good protection against scratches or abrasions during sports.
Low stacking density-Reduced stacking density reduces overall costs
Anti-UV- Excellent UV resistance slows down aging and gives the venue a longer service life.
Stain and oil resistance- Good oil and corrosion resistance
Good colorability-Colors can be customized

Product Application

1. 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.

2. Schools & Education Institutions

Playgrounds for primary, secondary and tertiary schools, activity areas for kindergartens

3. High-end Landscapes & Leisure Areas

Roof gardens, balconies, commercial complexes, etc. Aesthetic, clean and dust-free, enhancing space quality.

4. Multi-functional Fitness Trails

Community fitness areas, running track cushioning layers



Q&A

1. Are you manufacturer?

A: Yes, we are manufacturer of shock pad and infill granule for over 10 years, which is experienced in 3,500 sports fields and 60 quality of FIFA pitches. Until now, we provide 5 pads that passed EN15330-4.

2. What is your main product?

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

3. Do you have DDP?

A: FOB, CIF, etc

4. How long is your production time?

A: that based on our quantity



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