

## Nature 190

Product Data Sheet

### Product Description & Properties



**Amorim Nature 190** is a natural infill based on cork granules with size between 1 and 2 mm (less than 6% below 0.60 mm) suitable for artificial turf application.

#### Benefits

##### Sports function

- Great energy absorption, avoiding player injury under fall
- Improved rotational friction, avoiding player injury
- Low energy restitution, aiming for optimal player comfort
- High elasticity and compression resistance

##### Construction

- Provides the support required by the pile
- Decay resistant
- Flame retardancy properties
- Key component in safety and performance characteristics of the pitch
- Decreased surface temperature
- Flame retardancy properties

##### Sustainability

- 100% natural, renewable and recyclable
- With a negative carbon footprint of  $-1,77\text{kg CO}_2\text{e/kg}^*$ , contributes to a lower carbon footprint of sports surfaces
- No chemical contamination, 100% free according to REACH
- Odourless

#### Physical and mechanical properties

Cork Granule Size (mm)	1–2
Bulk Density ( $\text{kg/m}^3$ ) <sup>1</sup>	170–210
Moisture Content (%) <sup>2</sup>	<14

(1) ISO 2031

(2) ISO 2190



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