

Amorim Nature 130

Material Data Sheet



PRODUCT DESCRIPTION

Amorim Nature 130 is a natural artificial turf infill based on cork granules with size between 1 and 2 mm (less than 5% below 0.85 mm).



BENEFITS

- Great energy absorption, avoiding player injury under fall;
- Perfect rotational friction, avoiding player injury;
- Great energy restitution, aiming players comfort;
- No chemical contamination, 100% free according to REACH;
- Provide the support required by the pile;
- Key component in the safety and performance characteristics of the pitch;
- 100% natural, renewable and recyclable;
- Decreases surface temperature up to 30%;
- Odourless;
- Burn inhabiting;
- Doesn't release any toxic substance when burnt;
- Decay resistant (due to the suberin content of the cork, the material is highly resistant to moisture and the subsequent oxidation and decay);
- High elasticity and compression resistance (cork is made of millions of airtight cells, amongst them is a gaseous mixture which allows it to be compressed to half its thickness without losing any flexibility, and to be decompressed to return to its original shape).



PHYSICAL AND MECHANICAL PROPERTIES

Cork Granule Size	Bul Density ⁽¹⁾	Moisture Content ⁽²⁾
1-2 mm	110-130 kg/m ³ (6.87-8.12 lb/ft ³)	<12%

⁽¹⁾ ISO 2031 ⁽²⁾ ISO 2190

