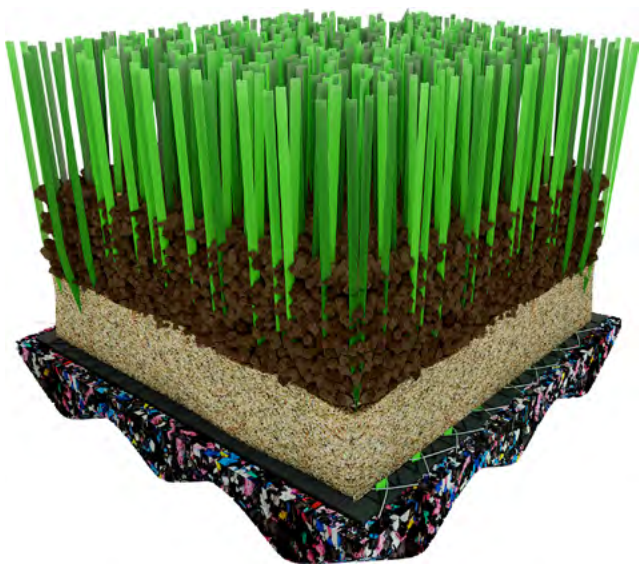


Hybrid 301

Material Data Sheet

Product Description & Properties



Amorim Hybrid 301, is a bio-based infill for high performance artificial turf systems. It is formulated with the best cork granules, virgin sbr rubber and other biodegradable materials to increase performance, even under harsh weather conditions. With size between 0.5 and 2 mm, Amorim Hybrid is a perfect match for artificial turf systems with demand for higher elasticity of infills.

Benefits

Sports function

- Excellent energy absorption, avoiding injury under fall
- Perfect rotational friction, avoiding injury by rotation
- Superior support to the pile
- Have lower surface temperature

Construction

- Agglomeration resistant
- Uplift resistant by density and shape
- Decay resistant (Artificial aging pass EN 20105-A02)
- UV resistant

Sustainability

- Bio based (cork and virgin rubber)
- Heavy metals compliant (Heavy metals pass EN 71-3 Cat3)
- Phthalate free (US EPA 8270)
- 100% free of chemical contamination (according REACH)

Physical and mechanical properties

Cork Granule Size (mm)	0.5–2
Bulk Density (kg/m ³) ¹	350–400
Moisture Content (%) ²	<2

(¹) ISO 2031

(²) ISO 2190



The mark of responsible forestry



The data provided in this Material Data Sheet represents typical values. This information is not intended to be used as a purchasing specification and does not imply suitability for use in a specific application. Failure to select the proper product may result in either product damage or personal injury. Please contact Amorim Sports regarding recommendations for specific applications. Amorim Sports expressly disclaims all warranties, including any implied warranties or merchantability or of fitness for a particular purpose. Amorim Sports is not liable for any indirect, special, incidental, consequential, or punitive damages as a result of using the information listed in this material data sheet, any of its brochures, its products or any future use or re-use of them by any person or entity. For contractual purposes, please request our Product Specifications Sheet (PDA).

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