

## Organic 201

Preliminary Material Data Sheet

### Material Description & Properties



**Amorim Organic 201** is a natural infill for artificial turf, based on cork and olive components in a special processed way and optimized composition. **Amorim Organic 201** is a perfect 100% natural solution for systems that require a naturally affordable product without compromising player safety and environmental concerns. It optimized long term characteristics of sport functionality of artificial turf systems without compromising naturality.

#### Benefits

##### Sport function

- Balanced elasticity and compression resistance (cork elasticity / olive resistance)
- Have lower surface temperature
- Long term stability in outdoor sport application
- Sustainability

##### Construction

- Natural technology and materials
- Phthalates free
- Biodegradable
- Heavy metals pass (EN71-3 cat3)
- Decay resistance

##### Sustainability

- 100% natural, renewable and recyclable
- 100% free of chemical contamination

#### Physical and mechanical properties

Cork Granule Size (mm)	1–3 mm
Bulk Density (kg/m <sup>3</sup> ) <sup>1</sup>	590 +/- 6%
Moisture Content (%) <sup>2</sup>	<20

(1) ISO 2031

(2) ISO 2190

The data provided in this Preliminary 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).

[www.amorim-sports.com](http://www.amorim-sports.com)