

## Ice 502

Product Datasheet



### Product Description & Properties



**Amorim Ice 502** is a circular economy born infill, with cork inside. **Amorim Ice 502** delivers excellent performance and softness, offering players and coaches all the guarantees from their artificial turf system.

#### Benefits

##### Sports function

- Energy absorbent
- Low energy restitution
- Cork introduction impacts the surface temperature and water absorption of the infill

##### Construction

- Provides the support required by the pile
- Custom colours
- Optimized granular shape

##### Sustainability

- The product is formulated with circular economy materials

#### Physical and mechanical properties

Appearance	Brown Granules
Bulk density (kg/m <sup>3</sup> ) <sup>(1)</sup>	350–450
Moisture Content (%) <sup>(2)</sup>	<5
Specific density (g/cm <sup>3</sup> )	>1
Particle size (mm) <sup>(3)</sup>	1–3,15

(1) ISO 2031

(2) ISO 2190

(3) EN 1933

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## Compliant with PR EN 15330-5

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Resistance to freeze/thaw cycles

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Durability after 5000 cycles

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Durability after hot water followed hot air and 5000 cycles:

- Color fastness: 3 <sup>(1)</sup>
  - Particle size: at least 60% of the infill with the d-D range of the reference sample
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According EN71-3- Migration of chemical elements through accidental human digestion

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PAH content according to US EPA 8270 method (Comission Regulation (EU) 2021/1199 of 20 July 2021)

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According EN 12457-4- leaching of chemical elements through immersion in water.

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Odor: Slight

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Surface Temperature: Class 2

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(1) EN ISO 20105-A02

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