

## PRODUCT SPECIFICATION

1 May 2015



## MICRO AGGLOMERATED CORKS

Characteristic	Specification	Method
Cork origin	Portugal	–
Height tolerance	± 0,3 mm	NP 2803-1 / ISO 9727-1
Diameter tolerance	± 0,3 mm	NP 2803-1 / ISO 9727-1
Ovality	< 0,4 mm	NP 2803-1
Moisture content	4% - 8%	NP 2803-2 / ISO 9727-3
Uncorking strength	20 – 40 DaN	NP 2803-4 / ISO 9727-5
Capillarity	≤ 2 mm	ME 6
Diameter recovery after compression	Superior to 90% after 5 minutes	ISO 9727-4
Liquid sealing capacity	0.9 to 1.2 Bar (90 to 120 kPa) of internal pressure	ISO 9727-6
Peroxide content	< 0.1 mg / cork	NP 4296 / ISO 21128
Surface treatment	± 4 mg / cork	ME 10
Dust content	< 1,5 mg / cork	ISO 9727-7
Humidity	5% – 8%	ISO 9727-3
TCA	≤ 1 ng/l	ISO 20752 / DIS 20752
Sensorial analysis	Absence of anomalous odours	ISO 22308

### Storage

- Maximum storage time recommended of 5 months
- The cork stoppers are packed under conditions that prevent contamination
- The place of storage must be covered, clean, dry and free of odours
- A stable temperature of 15°C to 20°C (59°F to 68°F) recommended
- Relative humidity between 40% and 60% recommended
- Wood materials or their derivatives, which have undergone treatment with antifungal chlorophenols must not be used

### Use recommendations

- The corks are sold ready to be used in the bottling machine
- Jaws should have cylindrical compression (40% compression of the initial diameter recommended)
- Bottle filling level should be taken into account
- Is recommended a 24 hours waiting period before the bottle be put in horizontal position
- Corks appropriated for Champagnes, Sparkling wines and other beverages with carbonated gas

### RoHS Declaration

Pure Tree Ltd materials meet the requirements of RoHS Directive of European Union 2011/65/EU - Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment.

We do not intentionally add lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) or polybrominated diphenyl ether (PBDE) to any Cork Rubber and/or Cork Composition products.

Further, to the best of our knowledge, the Cork Rubber and Cork Composition materials do not contain any of the compounds listed above the indicated thresholds.

The response provided by Pure Tree Ltd is based upon our knowledge of the raw materials used in its manufacture in conjunction with chemical analysis performed on similar materials.

E&OE

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The information is accurate to the best of our knowledge.

## **Reach Declaration**

According to REACH, the European Chemicals Agency (ECHA) have produced a list of substances, last revision in 19 of December 2012, that are designated as being Substances of Very High Concern (SVHC) and will become subject to Authorisation.

After analysing the revised List, Pure Tree Ltd declares that do not intentionally add any of those SVHC to our Cork Composition and Cork Rubber agglomerate and to the best of our knowledge the raw materials we use in our materials do not contain the listed substances.

Pure Tree Ltd  
Quality & Product Development