



Amorim Cork South Africa (Pty) Ltd.  
Quality Assurance Department



## PRODUCT SPECIFICATION

### Advantec – Colours

Available sizes: 38 x 23 mm; 44 x 23 mm

TESTS	CHARACTERISTICS	SPECIFICATION
PHYSICAL-MECHANICAL	Length <sup>1</sup>	L ± 0.5 mm
	Diameter <sup>1</sup>	D ± 0.3 mm
	Ovality <sup>1</sup>	< 0.3 mm
	Chanfer <sup>2</sup>	± 1.0 mm
	Weight <sup>1</sup>	4.9 ± 0.6 g
	Moisture <sup>2</sup>	4% – 8%
	Density <sup>1</sup>	270 – 350 kg/m <sup>3</sup>
	Extraction Force <sup>2</sup>	20 – 40 daN
	Capillarity <sup>2</sup>	< 2 mm
PHYSICAL-CHEMICAL	Releasable TCA (average batch result) <sup>3</sup>	≤ 1.5 ng/L
OTR (OXYGEN TRANSFER RATE)	12 months	1.6 mg/stopper
PRINTING	Traceability code +/- client specification	
SENSORIAL	As per client specification agreed between Amorim and customer	

a) Amorim Corks are adequate to be in contact with food products, in compliance with Regulation (EC) No. 1935/2004, and Resolution ResAP (2004). All products used during production are adequate to be in contact with foodstuffs, in compliance with Directive 2002/72/CE and 94/62/CE and FDA 21CFR part 175. Cork has the potential to be recycled according to these requirements.

b) Analysis: <sup>1</sup>based on A&I's test report; <sup>2</sup>Amorim SA analysis; <sup>3</sup>Independent Laboratory analysis.

c) Amorim Corks are produced and controlled at Amorim & Irmãos Portugal, according to their Quality Management System (ISO 9001), Food Safety management system (ISO 22000) and to the International Code of Cork Stopper Manufacturing Practices.

### PRODUCTION FLOWCHART

