



MASILVA PORTUGAL
WE ARE CORK

TECHNICAL DATA SHEET

PEARL PLUS

FTP 006/C

17/12/2014

PRODUCT DESCRIPTION / GENERAL INFORMATION

Description:	Micro-agglomerated technical cork stoppers
Granulated cork processing:	volatiles extraction with water vapour, especially for TCA (2,4,6-trichloroanisole) removal
Granules Size:	0.5-2 mm
Agglomeration:	Individual moulding, with polyurethane adhesives
Cork Sizes:	44x24mm; 38x24mm; other sizes upon request.
Wash:	Hydrogen Peroxide, Ozone (<i>Maszone®</i>)
Printing:	Lenticels + Customizing
Coating:	Silicon elastomer
Packaging:	Plastic bag + Carton, under vacuum and SO ₂
Observations:	Processes and products used meet legal requirements and applicable regulations, principally the International Code of Manufacturing Practices, for material and objects intended to be in contact with food products.

TECHNICAL SPECIFICATIONS

Dimensional	Length	C _{Nominal} ± 0,5 mm
	Diameter	D _{Nominal} ± 0,3 mm
Physics	Moisture	4% < HR < 9%
	Dimensional recovery	> 96%
	Specific gravity	285 ± 40 Kg/m ³
	Boiling water resistance	Do not disintegrate
Chemical	Oxidants^(*)	Absence
	Treatment quantification^(*)	10 to 15mg/cork
	2,4,6-trichloroanisole	< 1 ng/L
Sensory	Off aromas	neutral
Microbiological	Nb. colonies	< 4 Colonies /cork
Functional	Extraction force^(*)	15 daN < Fe < 40 daN
	Capillarity^(*)	< 1 mm
	Sealing	No leakage at 3 bar

(*) Only for ready-to-use corks

RECOMMENDATIONS

Intended use:	Closure for wines and spirits
Use before	6 Months ^(*)
Storage humidity	40% < H < 70%
Storage temperature	15°C < T < 20°C
Storage recommendation	Store in clean, ventilated, odourless places exempt of chlorine products