



DATASHEET

PRODUCT DESCRIPTION / GENERAL INFORMATION

Description	Micro-agglomerated technical cork stoppers obtained by <i>Individual moulding</i>
Composition	Cork, adhesive polyurethane, microspheres, hydrogen peroxide; marking ink; silicone elastomer
Granulated cork processing	Volatiles extraction with water vapour, especially for TCA (2,4,6-trichloroanisole) removal – NEOTECH Process
Granules Size	0,5-2 mm
Sizes	Several
Printing	Fire; ink; Laser
Surface Treatment	Silicone elastomer
Packaging	Plastic bag; Card box; Protective atmosphere with SO ₂
Source	Portugal
% of incorporated recycled material	0%
Remarks	The processes and products used comply with the legal requirements and applicable regulations, namely the International Code of Cork Stopper Practices and the legislation for materials and objects intended to come into contact with food

ORIGIN OF RAW MATERIALS AND SUBSIDIARIES

PRODUCT	Source
Cork	Iberian Peninsula
Adhesive polyurethane	Europe
Microspheres	Europe
Hydrogen Peroxide	Europe
Ink	Europe
Silicone elastomer	Europe

TECHNICAL SPECIFICATIONS PRODUCT

DIMENSIONAL	Length	$C_{Nominal} \pm 0,5 \text{ mm}$
	Diameter	$D_{Nominal} \pm 0,3 \text{ mm}$
	Moisture	4% <HR <8%
PHYSICAL	Dimensional recovery	> 96%
	Specific gravity	$SG_{Nominal} \pm 40\text{kg/m}^3$
	Boiling water resistance	Absence of disintegration
CHEMICAL	Oxidants (only for ready-to-use corks)	<0,1 mg/cork
	2,4,6-trichloroanisole	<0,5 ng/L
SENSORY	Strange smells	Neutral
MICROBIOLOGICAL	Number of Colonies (only for ready-to-use corks)	<10 Colonies / cork
FUNCTIONAL	Sealing (only for ready-to-use corks)	Absence of leak at 2,0 bar
	Capillarity (only for ready-to-use corks)	<1mm
	Extraction force (only for ready-to-use corks)	15daN < Fe < 45daN

RECOMMENDATIONS

Intended Use	Sealant for use in alcoholic beverages MASILVA is not responsible if the stoppers are used for a purpose not identified in this technical sheet
Expiration date	3 months
Distribution method	Transport in closed, clean and odour-free vehicles or containers
Storage	This product must not be in contact with the ground It should be stored in clean, airy, odour-free area and protected from direct sunlight. Chlorinated products should not be used The storage location must have a temperature between 15 and 20°C and humidity between 40 and 70%