

PRODUCT

Aluminium for yoghurt lids pre-cutted, not anticorrosive

MATERIAL COMPOSITION

Primer for printing / Aluminium 29µm soft tempered / Thermosealable lacquer to PP/PS/PVC/PET "PVC-free"

Stratigraphy composition	Code	Thickness (µm)		Weight (g/m ²)		Chemical composition
		Value	Tol.	Value	Tol.	
Primer	CT537	-	-	0,8	± 0,5	Acrylic dispersion
Aluminium soft tempered		29,0	± 2,32	78,3	± 6,3	DIN EN 573-3 EN AW 8079
Heat seal	CT456	-	-	5,5	± 1,0	PVC-free Synthetic resins combination
Overall		35,3 (*)	± 3,8 (*)	84,6	± 7,8	

(*) Obtained from grammage

MATERIAL PROPERTIES

Residual solvent (IO 13)	<= 5 mg/m ²
Varnishes adhesion to the substrate (IO 06)	No detachment
Bonding to PP injection molding (IO 05)	>= 7 N/15mm (220°C - 267 N/cm ² - 1 second - 180°)
Bonding to PS (IO 05)	>= 7 N/15mm (220°C - 267 N/cm ² - 1 second - 180°)
Melting point of thermosealable varnish (IO 17)	110 °C ± 10
Primer for printing resistance to temperature (IO 11)	<= 250 °C
Ultimate tensile strength of aluminium (ASTM D882)	>= 75 MPa
Elongation to aluminium break (ASTM D882)	>= 8 %
Content of magnesium (Mg) in the aluminium (IO 21)	<= 50 ppm
Bonding to PVC (IO 05)	>= 7 N/15mm (220°C - 267 N/cm ² - 1 second - 180°)
Bonding to PET (IO 05)	>= 7 N/15mm (220°C - 267 N/cm ² - 1 second - 180°)

CLEARANCE CERTIFICATE

Bisphenol-A statement	<p>The product is "BPA-free".</p> <p>Conformity of the product to the current normes is guaranteed by Aluberg according to the certifications issued by the suppliers of raw materials.</p> <p>The company assures not using Bisphenol-A or its derivatives during the production process.</p> <p>Any impurities of this substance, in the extend of ppm, could be present because deriving from the production process of the raw materials or as a random pollutant.</p>
Thermosealable lacquer	<p>FDA 21 CFR § 175.300</p> <p>Directives 2002/72/CE - 2004/19/CE - 2005/79/CE - 2007/19/CE</p> <p>Regulation CE n. 10/2011</p> <p>Resolution of the Council of Europe AP(2004)1</p>
Product	<p>The product is "PVC-free".</p> <p>Conformity of the product to the current normes is guaranteed by Aluberg according to the certifications issued by the suppliers of raw materials.</p> <p>The company assures not using heavy metals (Pb - Cd - Hg - CrVI) during the production process.</p> <p>It is however impossible to totally exclude the presence of heavy metal traces, which are directly issued of impurities coming from the raw materials used during the production cycle.</p> <p>The quantity is in any case lower than 100ppm, which matches with the limits fixed by the "94/62 EC Directive".</p> <p>The product is in compliance with Regulations (EC) No 1935/2004 and 2023/2006.</p>

WARRANTY, STORAGE AND SHELF-LIFE

This warranty is only valid if the following conditions of storage are observed:

Condition of storage	<p>Store in dry and clean area.</p> <p>Recommended storage conditions:</p> <ul style="list-style-type: none"> - no direct sunlight - room temperature between 5°C - 30°C - maximum relative humidity 70%
Workability	<p>Maximum 2 years from delivery date for sealing.</p> <p>Maximum 1 year from delivery date for printability.</p>
Function	<p>Specified specification is suitable for dairy and dessert products with a pH value > 3.8 and a fat content < 36% and a maximum shelf life of 6 weeks under the condition of continuous cold storage (max 4°C).</p>

LIABILITY EXCLUSION

Data mentioned in the technical specification, obtained in our laboratory or in our raw material supplier's laboratories, are valid as a general indication for the use of the product.

So, even if valid, they don't bind our Company that can not check the conditions of their use.