

# MARTOL FMO 10000 I



Drawing



Fluid particularly suitable to draw aluminium food containers.

## DESCRIPTION

- Drawing oil formulated with a non-oxidable fatty matter.

## SPECIFICATIONS

- FDA 21 CFR § 170.30

## APPLICATIONS

**MARTOL FMO 10000 I** are expressly formulated because:

- the active matter is non-oxidable and no bad smell will occur for a long time of storage.
- the active matter has got:
  - a very high lubricating property in drawing
  - an excellent antitacky property between drawing metal and die
- all components are in agreement with FDA specifications for products with food contact surfaces

Recommended quantity: 300 mg/m<sup>2</sup>/side max

**Martol FMO 10000 I fulfill to the Italian law- Decree n. 76- 4/18/2007 “ Regulation regarding the hygienic rule of materials and objects made in aluminium and aluminim alloys destined to be in contact with food “**

## Typical Characteristics

Test methods	Determinations		MARTOL FMO 10000 I
Interne	Appearance	--	Clear
Interne	Colour	--	Colourless
Interne	Smell	--	Odourless
ASTM D-4052	Density at 20°C	kg/l	0,950
ASTM D-445	Viscosity at 40°C	cSt	15,93
ASTM D-445	Viscosity at 100°C	cSt	3,69
ASTM D-92	Flash point C.O.C	°C	240
ASTM D 2500	Cloud point	°C	-9
ASTM D-97	Pour point	°C	-9
IEC 296 (1997)	Breakdown voltage	KV	75

Above characteristics are mean values given as an information.

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## ADVANTAGES

- Active matters have remarkable antitaky properties: for such reason it is easy the ejection of the piece, also with difficult shapes;
- Incidental residues may keep in touch with food because they are in agreement with FDA 21 CFR part 170.30 («*Eligibility for classification as generally recognized as safe*»).
- Incidental residues don't go rancid and don't produce bad smells also for a extended storing times in a warm place. **In the Rancimat test (100 hours at 100°C) the product didn't show any sign of oxidative rancidity.**
- The component is in accordance with the alimentary rule of Kasherut and so the product is **Kasher**: the food container obtained with our product can get the mark



or



- The component is in accordance with the Muslim alimentary rule (**without Haram components**) and so the product is **Halal**