

MARTOL FMO 75 and 125



Drawing



Fluid particularly suitable to draw aluminium food containers.

DESCRIPTION

- Drawing oils formulated with natural, non-oxidable fatty matters.

SPECIFICATIONS

- FDA 21 CFR § 172 subpart H

APPLICATION

MARTOL FMO 75 and 125 are expressly formulated because:

- the active matter is non-oxidable and so they give rise to bad smells, also for an extended storing times.
 - the active matter, owing to its high viscosity, has:
 - 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
 - could be applied by a roller or by electrostatical system
- Recommended quantity. 300 mg/m²/side max

Typical Characteristics

Test methods	Determinations	MARTOL FMO		
		75	125	
Interne	Appearance	--	clear	clear
Interne	Colour	--	straw-coloured	straw-coloured
Interne	Smell	--	odourless	odourless
ASTM D-4052	Density at 20°C	kg/l	1,004	1,043
ASTM D-445	Viscosity at 40°C	cSt	79	230
ASTM D-445	Viscosity at 100°C	cSt	10,5	21
ASTM D-92	Flash point C.O.C.	°C	256	262
ASTM D-97	Pour point	°C	-33	-30
CEI 10-1 (1997)	Breakdown voltage	kV	70	70

Above characteristics are mean values given as an information.

ADVANTAGES

- Active matters have remarkable antitacky 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 172 (« *Food additives permitted for direct addition to food for human consumpt* »).
- 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) two products 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 certified**: the food container obtained with our products can get the mark



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