



MAKER LAMINOX 1197

Description

A very light fluid with a high refining level and specially selected additives. Its main application is the cold lamination of low-alloy ferritic and austenitic stainless steels. There is a concentrated version of this product called Maker Laminox 1197 C. For further information, contact our Technical Department.

Properties

- Low viscosity that provides steel with a glossy finish.
- Its fluidity and wetting ability helps the formation of a transfer layer, reducing use as less fluid sticks to the strip and less is retained in diatomaceous soil as it is filtered.
- Provides perfect lubrication for rollers, so that the film in the roller-strip area is not broken and a lot of heat production due to rubbing is prevented.
- Reduces the risk of stains during annealing.
- Helps oil removal if required.

Quality levels, approvals and recommendations

- ISO: 6743/7 - MHB

Technical specifications

	UNIT	METHOD	VALUE
Appearance	-	Visual	Clear and bright
Colour		ASTM D1500	1
Density at 15 °C	g/mL	ASTM D4052	0.857
Viscosity at 40 °C	cSt	ASTM D445	10
Viscosity at 100 °C	cSt	ASTM D445	2,65
Flash point, open cup	°C	ASTM D92	175
Pour point	°C	ASTM D97	-30
Saponification index	mg KOH/g	ASTM D94	4.5
Noack volatility, 1h at 150 °C		DIN 51581	2.5
Corrosion Cu, 3hrs 100 °C		ASTM D130	1b
EP properties, 4 ball machine		ASTM D2783	
- Last load without seizing up	kg		40
- Soldering load	kg		126
- Load/wear index	-		17,1
4B wear test (1h/40 kg), scar	mm	ASTM D4172	0.49

The above mentioned characteristics are typical values and should not be considered product specifications.