



Shanghai PingYiao Trading CO., Ltd.

LAMINOX 1197

Translation of the original Spanish. In case of a discrepancy, the Spanish original prevails

Description and Recommendations

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 Repsol 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.

Technical characteristics

	UNITS	METHOD	VALUE
Appearance			Glossy and transparent
Colour		ASTM D 1500	1
Density at 15°C	g/ml	ASTM D 4052	0,850
Viscosity at 40°C	cSt	ASTM D 445	10
Viscosity at 100°C	cSt	ASTM D 445	2,65
Flammability V/A	°C	ASTM D 92	175
Pour point	°C	ASTM D 97	-30
Saponification rate	mg KOH/g		4,5
Noack volatility, 1hr at 150°C		DIN 51581	2,5
Cu corrosion, 3hr at 100°C		ASTM D 130	1b
EP properties, 4 ball machine		ASTM D 2783	
Last load without seizing up	Kgf		40
Soldering load	Kgf		126
Load/wear index			17,1
Indentation diameter at 40 Kgf	mm	ASTM D 4172	0,49

Overview

Bulk and 185 kg cans, only for Laminox 1197 C.

Shanghai PingYiao Trading CO., Ltd.

Adress: Xuhui District, Shanghai Caoxi Yin Hai Building, A1207 Room, No. 250

Telephone helpline: 15900706965

Website: www.pingyiao.com

Tel: 86-21-64705533

Fax: 86-21-64705533-209

E-mail: info@pingyiao.com



Shanghai PingYiao Trading CO., Ltd.

Hazard identification

This product is not classified as toxic or hazardous under current legislation.

Handling

Minimum precautions should be taken to avoid prolonged contact with the skin. The use of gloves, visors or glasses is recommended to avoid splashes.

Health and safety risks.

Inhalation: As this product has low volatility, the risk of inhalation is minimal. Ingestion: Do not make an affected person vomit. Supply water. Get medical help. Contact with the skin: Wash thoroughly with soap and water. Eyes: Wash thoroughly with water. General measures: Get medical help.

Fire-fighting measures

No special measures required. Extinction: Foams, dry chemicals, CO2, water spray. Do not apply a jet of water directly, as it could spread the product.

Environmental precautions

Danger of physical pollution if spilt (water, coastlines, soil, etc.) due to its floatability and oily consistency that may harm flora and fauna on contact. Prevent the material from entering the water supply. Decontamination and cleaning: Treat as an accidental oil spillage. Avoid dispersion using mechanical barriers and remove with physical or chemical elements.

Shanghai PingYiao Trading CO., Ltd.

Address: Xuhui District, Shanghai Caoxi Yin Hai Building, A1207 Room, No. 250

Telephone helpline: 15900706965

Website: www.pingyiao.com

Tel: 86-21-64705533

Fax: 86-21-64705533-209

E-mail: info@pingyiao.com