

LAWS 2 & 5

LAWS 2

MEMBANGUN INDUSTRI INDONESIA

Low Aromatic White Spirit or LAWS is a solvent produced from PERTAMINA Refinery in Plaju with a boiling range between 143C - 200C. Hydrocarbon compounds that form solvent LAWS are a mixture of paraffins, cycloparaffins, and aromatic hydrocarbons. It is not corrosive and stable with clear color.

Special Features

- High Quality
- Jalus distribution spread all over Indonesia
- Equipped with a Product Research and Development Laboratory.

Application / Benefits (LAWS) LAWS is used for various purposes including :

- Paint industry, thinner, varnish
- Printing ink industry
- Chemical industry as a cleaning material (drycleaning solvent)
- Textile industry (printing)

Spesifikasi Low Aromatic White Spirit 2

LAWS-2:

No.	Analysis	Method	Unit	Specification
1	Appearance	C-042/PL2200/2014-S0		Clear
2	Specific Gravity at 60/60 deg. F	ASTM D-4052-11		0.770 - 0.8100
3	Colour Saybolt	ASTM D-6045-09		Min. +25
4	Flash Point	IP-170	deg C	Min. 32
5	Distillation :			
	IBP	ASTM D-86	deg C	Min. 143
	FBP	ASTM D-86	deg C	Max. 210
6	Aniline Point	ASTM D-611-07	deg C	40 - 45
7	Copper Strip Corrosion, 3 hrs/100 deg. C	D-130-10	Class	Max. No. 1
8	Doctor test	IP-30		Negative
9	Aromatic Content	ASTM D-1319	% vol	15 - 30



Low Aromatic White Spirit 5 (LAWS 5) is produced at PERTAMINA Balikpapan Refinery.

Hydrocarbon compounds that make up the LAWS 5 are paraffin, cycloparafine/naphthenic and aromatic, processed with strict quality control to get a very high quality product.

Packaging : Bulk and transported by vessel

Spesifikasi Low Aromatic White Spirit 5

LAWS-5:

No.	Analysis	Method	Unit	Specification
1	Appearance	C-042/PL2200/2014-S0		Clear
2	Specific Gravity at 60/60 deg. F	ASTM D-4052-11		0.770 - 0.8100
3	Colour Saybolt	ASTM D-6045-09		Min. +25
4	Flash Point	IP-170 / ASTM D-93	deg C	To be reported
5	Distillation :			
	IBP	ASTM D-86	deg C	Min. 130
	FBP	ASTM D-86	deg C	Max. 210
6	Aniline Point	ASTM D-611-07	deg C	53 - 58
7	Copper Strip Corrosion, 3 hrs/100 deg. C	D-130-10	Class	Max. No. 1
8	Doctor test	IP-30		Negative
9	Aromatic Content	ASTM D-1319	% vol	Max. 12

Application / Benefit:

Low Aromatic White Spirit (LAWS 5) applied as :

- Solvent in thinner-paint and varnish
- Solvent for paint
- Solvent for coloring ink
- Insecticide & pesticide
- Raw material for producing polish for shoes, floor, and furniture
- Raw material in resin industries
- Solvent for producing polish for shoes, floor, and furniture
- Solvent for chemical industry
- Solvent for cleansing any metal working