



# TARA PAINTS & CHEMICALS

(An ISO 9001:2015 Certified Company)

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## TECHNICAL DATA

### SYNTHETIC THINNER ST-2

Syn. Thinner ST-2, is a special boiling point spirit meeting Solvent 145/205 under BIS 1745-1978. It is a combination of various solvents like spirit, White spirit and Turpentine to get the optimum properties.

This consists of volatile fraction derived from petroleum and is composed essentially of paraffinic, naphthenic and aromatic hydrocarbons in varying proportions. This is clear, water-white in colour. Syn. Thinner ST-2 is used to dissolve say resins, rubber, bitumen and also to reduce the viscosity of the solutions produced.

The major uses our SYNTHETIC THINNER ST-2 are :

- In the manufacture of surface coatings like paints, varnishes, lacquers.
- In dry cleaning
- In textile printing with pigment colours
- Solvent for metal and machine degreasing
- Thinner for oil soluble rust preventive
- Solvent for insecticidal formulation
- Thinner for lithographic varnishes
- Diluent for many types of water proofing
- Mothproofing, binding and sealing compounds
- Solvent for wax, rubber and resins in the manufacture of electrical insulating compounds
- Solvent in the preparation of bituminous paints, scouring agent for raw wool
- Thinner for oil-cloth manufacture.

#### Specification of SYNTHETIC THINNER ST-2

Sr.No	Characteristics	
1	Colour (Saybolt), Min	+20
2	Density at 15°C, gm/ ml	0.77 – 0.80
3	Flash point (Abel), °C, Min	35
4	Distillation Range :	
	a) Initial boiling point °C, Min	145
	b) 50% volume recovered at, °C	To be reported
	c) 95% volume recovered at, °C	To be reported
	d) Dry point, °C, Max	225
5	Aromatic content, % v/v, Max	14-27%
6	Copper strip corrosion for 3 hrs. at 50°C	Not worse than No.1
7	Residue on evaporation, mg/ 100ml, Max	5

All the information given here are as per the results obtained in laboratory & are given in good faith to guide the user but without any warranty, the actual application results might vary depending on the conditions. We are not responsible for any loss, injury or damage resulting from the use of this information