

PRODUCT DATA

PRODUCT NAME: THERMAL COATING CHEMICAL

DISCRIPTION:

This material has a temperature-sensitive coating for use on thermal printers. This coating chemical is having high solid content, low viscosity formulation suitable for paper substrate in ready to use aqueous dispersion for production of thermal papers. The dispersion may be applied by any suitable coating process like air-knife, rod and gravure. The coatings are preferable applied to achieve a dry coat weight of 4-5 grams per metre and imaged to produce high quality image densities using standard high-speed printers at standard energy levels. If the material is exposed to ultraviolet or fluorescent light the image printed fades.

SPECIFICATIONS:

Appearance – Off white aqueous dispersion

Solid Content – $40 \pm 5\%$

Viscosity Ford Cup B4 – 20 ± 3 Sec

Average particle size – < 2 microns

pH – 7 - 9

APPLICATION:

Thermal coating chemical can be applied in the concentrated or diluted form depending on the coating process.

END-USE:

ATM/POS and Ticket grade thermal papers

CHARACTERISTICS:

High reactivity

High solid content ready to use dispersion

Saving manpower and capital-intensive equipment

Good storage stability

SHELF LIFE:

6 months, applicable only to the material stored under following storage conditions:

- This material must be stored at a temperature of $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$
- Storage area must be dry and clean
- Keep the material in the original packaging when not used in order to protect it from dust and contamination
- Do not expose to direct sunlight, UV and heat sources.

PACKAGING:

200 Kgs Net in HDPE Drums