



## Summary On Indian Standard 4654:2019 titled “Paraffin Wax”



Indian Standard IS 4654:2019 outlines the specifications for paraffin wax used in various applications like candle making, paper waxing, and matchstick impregnation. This standard excludes paraffin wax for explosives, which is covered by IS 7401.

It categorizes paraffin wax into four types based on refinement level and application:

- a) Type 1 — Extra refined, food grade;
- b) Type 2 — Refined, general purpose paraffin wax;
- c) Type 2A — Refined general purpose paraffin wax; and
- d) Type 3 — Semi-refined.

The requirements include limits for melting point, oil content, ash, acidity, colour, odour and saponification value for various types.

Packing must be done in polyethylene-lined bags or barrels, and each container must be marked with the wax type, grade, melting point, and any warnings if not suitable for food, cosmetic, or medicinal use.

The standard also prescribes sampling methods and references several testing standards to ensure consistent product quality and safety.