



Khaitan Winding Wire (P) Ltd. Technical Data

Salient Features

Thermal Class	120/E	130/B	155/F	180/H	200/N				
Chemical Base of Enamel	Polyvinyl Acetal	Modified Polyester	Polyurethane Solderable	Modified Polyester	Theic Modified Polyester + Nylon	Theic Modified Polyesterimide	Theic Modified Polyesterimide + Nylon	Theic Modified Polyesterimide + Polyamideimide	Polyamideimide
Specification IS IEC	13730 - 1 60317 - 1	13730 - 45 60317 - 45	13730 - 20 60317 - 20	13730 - 3 60317 - 3	13730 - 3 NEMA MW 1000 24C	13730 - 8 60317 - 8	13730 - 8 60317 - 8	13730 - 13 60317 - 13	13730 - 26 60317 - 26
Range mm SWG	0.500 - 3.25 25 - 10	0.10 - 3.25 41 - 10	0.10 - 0.500 41 - 25	0.10 - 3.25 41 - 10	0.10 - 3.25 41 - 10	0.10 - 3.25 41 - 10	0.10 - 3.25 41 - 10	0.10 - 3.25 41 - 10	0.10 - 3.25 41 - 10
Cut Through °c	170	240	200	240	240	300	300	320	350
Heat Shock °c	155	155	175	175	175	200	200	220	220
Abrasion Resistance	Excellent	Good	Fair	Good	Excellent	Excellent	Excellent	Excellent	Excellent
Flexibility / Adherence	Excellent	Good	Good	Good	Excellent	Excellent	Excellent	Excellent	Fair
Characteristics	Golden Brown Color Excellent Mechanical Properties and Resistance to Transformer Oil	Brownish Color Excellent Flexibility & Heat Stock	Good Solderability & High Moisture Resistance	Excellent Heat Shock with Balanced Electrical & Mechanical Properties	High Speed Windability	Excellent Adhesion Heat Shock & Thermal Resistance	High Speed Windability Excellent Heat Shock & Adhesion	Excellent Hermatic Resistance & High Speed Windability	Excellent Thermal Properties, Heat Shock, Abrasion Resistance, Low Coefficient of Friction, Freon Resistance
Application	Oil Filled Transformers, Domestic Appliances, Chokes & Ballasts, Filled with resins	Fans, Motors, Transformers, Realy Coils	Electronic Equipment	Electric Motors, Transformers, Appliances, Hand Tools	Electric Motors, Air Cooled Transformers, Appliances Hand Tools	Hermatic Motors, Transformers, Hand Tools, Motors for Arduous Duties	Transformers, Hermatic Motors, Motors for Arduous Duties	Dry Type Transformers, Hermatic Motors, Automotive Alternators Solenoids	Hermatic Motors, Oil Filled Transformers, high speed Winding

- An ISO 9001:2000 Company.
- Polyester & Polyesterimide Products are recognized by ISI with marks.
- Full range approved in RDSO & DGQA (Defence).
- Technologically advanced Plant with dust controlled atmosphere.
- Technical Development cell for customer oriented product development.
- Branches / Agents in all major cities.
- Speciality in PVA, Dual Coated & H - Class Wires.

IS-13730 IS-13730



Part 3

Part 8

www.khaitanwire.com