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SHTherm® 240 (PI) Flat

- Copper flat wire, high thermal and chemical resistance
- High thermal and chemical resistance
- Insulated with polyimide
- For applications requiring enhanced insulation strength
- Thermal class 240

Attributes

SHTherm® 240 (PI) Flat was specially designed for use under extreme thermal and chemical conditions – for example in electrical drives with aggressive cooling media or at permanently high operating temperatures. The wire combines the advantages of the increased layer thicknesses of the SHTherm® series with the additional protective effect of a resistant polyimide enamel system. This robust insulation structure not only provides electrical safety, but also improved resistance to mechanical stresses – such as vibrations, bending or temperature changes – without damaging the insulation.

This makes SHTherm® 240 (PI) Flat the right choice for applications where electrical insulation strength, thermal stability and chemical resistance have the highest priority.

Typical applications can be found in industrial plants, traction systems or in power electronics, where reliability under extreme conditions is required. The high robustness makes this flat wire the preferred solution for long-lasting systems with extended insulation requirements.

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.
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