SynFlex Elektro GmbH
Auf den Kreuzen 24
D-32825 Blomberg Germany
Telefon +49-5235-968-0
E-Mail info@synflex.de

SHXLife® 220 Flat

- Copper flat wire, extended lifetime under electrical load
- Specifically developed for 800V+ applications
- Insulated with a modified PAI system
- Thermal class 220

Attributes

SHXLife® 220 Flat is designed for demanding applications in electrified drives in e-mobility – especially where high voltage levels above 800V meet limited installation space. Based on a modified PAI insulation system, this wire offers outstanding partial discharge resistance while maintaining a reduced insulation thickness for highly compact winding geometries The special enamel system ensures high partial discharge resistance while also enabling an extremely compact winding due to its low insulation strength – with consistently high electrical strength. This compact insulation allows for higher copper fill ratios, increasing winding density without compromising insulation performance.
SHXLife® 220 Flat is designed for system voltages from 800 V and supports the development of long-lasting, efficient motors.
With high mechanical robustness, outstanding processability, and full inline testing, SHXLife® 220 Flat is ideal for modern winding concepts that require electrical reliability and compact design in one.

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.
Updated 04/25

SynFlex Elektro GmbH
Auf den Kreuzen 24
D-32825 Blomberg Germany
Telefon +49-5235-968-0
E-Mail info@synflex.de

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.
Updated 04/25