

EPOXY ESTER ENAMEL S 2352

ELECTRICAL INSULATING

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Composition Dispersion of inorganic pigments in the solution of epoxy ester resin in organic solvents with addition of drying agents. The product is biocide-treated, protects the coating film against mold growth.

Characteristics and use The enamel is intended for coating and protection of impregnated winding of rotating machines (insulation class B-T).
The product is not intended for coatings that come into direct contact with food, feed and drinking water and for coatings of children's furniture and toys.

- ◆ insulating class B-T
- ◆ water and mould resistance

Shades 0101 light grey, 0840 russet

Physical properties	Flow time	130 - 170 s (cup Ford Ø 4 mm)
	Weight solids	> 52 %
	Volume solids	> 26 %
	Flash point	26 °C
	Density	1140 kg/m ³

Emission limits	VOC: 0.45 kg/kg	TOC: 0.41 kg/kg
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Properties of dried coat	Gloss	degree 1
	Pendulum hardness / Persoz	up 15 % in 5 days
	Hiding power	degree 1 - 2

Drying time	Surface temperature	23 °C
	Dust free	up to 2 hours
	Dry through	up to 24 hours
	Dry film thickness DFT	30 - 40 µm

Spreading capacity	Wet film thickness WFT	115 - 155 µm
	Dry film thickness DFT	30 - 40 µm
	Theoretical spreading capacity	5 - 7 m ² /kg per one layer

Thinning S 6003

Surface preparation The surface must be clean, dry, degreased, free of rust and dust, mechanically cleaned.

Application conditions Minimal air temperature for application is 5 °C, temperature of painted surface must be 3 °C above dew point. Temperature and relative humidity must be measured in proximity of painted surface. The surface temperature must not be higher than 40 °C. Relative humidity must not be higher than 75 %. The optimal application temperature is 18 to 23 °C and relative humidity 40 to 70 %. Lower temperature and higher humidity during an application and a drying and high thickness of applied coats markedly slow down drying and hardening of the coat.

Workflow The paint is applied directly on the winding of electrical rotating machines in one layer. The coatings dry up at the normal temperature. To speed up drying-up time it is possible to dry them at the temperature of 60 - 70 °C.

Application Brush, roller, spraying

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Handling	<p>Read the instructions in the Safety Data Sheet before use and follow all safety instructions and regulations. The product contains organic solvents. Follow basic hygiene rules. Do not eat, drink or smoke while using this product. Avoid contact with eyes, skin or clothing. Wear protective gloves, eye protection, protective clothing. Ensure effective ventilation of the workplace. People and animals should not remain in the treated area until the paint dries.</p> <p>If on skin: take off contaminated clothing and wash skin with plenty of soap and water. If inhaled: remove person to fresh air. If in eyes: rinse thoroughly for 10-15 minutes with clean water. Remove immediately contact lenses if present. If swallowed: rinse your mouth with water. If you feel unwell or in case of health problems or if in doubt, and accidental ingestion and contact with eyes, always consult a doctor immediately.</p>
Packing	10 kg
Storability	The product keeps the product qualities 5 years from production date in original closed container. To store in dry storage at the temperature 5 to 25 °C. Flammable liquid II. hazard class.
Disposal of packing and waste	Hand over the used, properly empty packing at the collection point of the packing waste. Dispose the packing with the product rest at the place determined by the town for disposal of hazardous waste or hand over to the person authorized for hazardous waste disposal. Further see MSDS.

These data are only for information and their accuracy is influenced by the properties of individual materials and unpredictable factors during application. The user is responsible for correct use of the product according to the direction for use and for correct application of painting system, i.e. he must always evaluate all conditions of application, which could influence final quality of the top treatment. Therefore, we always recommend to the user to carry out the test for actual working conditions and type of surface applied. Above mentioned data are data, which influence individual working conditions and therefore they do not establish a legal claim. It is necessary to consult information outside the terms of this catalogue sheet with the producer.

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