

Processing Instructions

IC – Coatings

Material: iglidur® IC-04

Description of powder:

Polymer powder mix for application by electrostatic powder-coating process. The product has to be stored in a cool and dry place and needs to be protected from direct exposition to sunlight.

Pre-treatment of the substrate:

The substrate generally must be free from grease, oils, separating and drawing agents as well as from dirt, corrosion products and other contaminations.

Pre-treatments like e.g. blasting, roughening, phosphating, descaling, etc. can contribute to a better adhesion.

Processing conditions when applying the powder:

The following environmental conditions are recommended: 15°C to 25°C and <50% r. h. Temperatures and humidity differing from those listed need to be checked on an individual basis.

Application process:

Generally provide a good grounding of the substrate. The fluidising, transport and dosing air must be free from oil and condensate in order to achieve a homogenous coating quality. Furthermore, a constant ratio between fresh and recycled powder must be observed. The amount of recycled powder should as a rule be < 35 weight-%.

Corona application and tribo application are possible.

Drying before burn-in:

Generally not required, if needed 3 hours at 150°C

The information listed on this material data sheet is based on the current status of our knowledge about the described material. It shall not be construed as a guarantee with regard to certain properties of a moulded part.

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Burn-in conditions:

The burn-in time depends on the component/part.

Duration	Temperature
Approx. 30 minutes	390°C

The product must not be heated to temperatures above the listed temperatures.

Let the product cool down to room temperature after burn-in.

Safety instructions:

See Safety Data Sheet

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