

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.

Processing Instructions

IC – Coatings

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

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.