

## The Colours of Corrosion Protection

### TECHNICAL DATA SHEET

## Specialty Polyester Resin

**K- 7056(50:50)**

### General Information:

K-7056 is a carboxylated polyester resin designed for hybrid system. It is used with

Epoxy resin at the ratio 50:50. This gives a very good flow with an excellent over baking resistance and mechanical properties.

### Product Specification:

1. Appearance : - Solid granules.
2. Colour : - Slight yellower.
3. Acid value (mg.KOH/gm.) : - 70-75.
4. Glass transition temp. (TG.) °C : - 58 °C
5. Viscosity @ 175 °C : - 70-90 Poise

### Stating formulation: (Glossy Black, Powder coating)

Component	Weight
K – 7056	300
Epoxy resin	300
Carbon Black ( Philips HAF-330 )	20
Blanc Fix ( filler)	366
Flow control agent	10
Benzoin	4



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### APPLICATION PROPERTIES: -

- |                                   |                                       |
|-----------------------------------|---------------------------------------|
| 1) Baking schedule                | : 180.°C– 10 min. (Metal Temperature) |
|                                   | In air circulated oven.               |
| 2) Film Thickness                 | : 50 – 60 microns                     |
| 3) Gloss at 60 deg. @             | : >95 Unit                            |
| 4) Mechanical (a) Reverse impacts | : 160 kg-cm.minimum                   |
| (b) Direct impacts                | : 160 kg-cm.minimum                   |
| 5) Bend Test (Ø 2 mm)             | : Passes                              |
| 6) Over bake Resistance           | : Passes                              |

### STORAGE:

Keep away from heat source & direct sunlight. Avoid temp.more than 30 degree C.

### PACKING;

25 kg. Net in paper bag with **LDPE** bag.

Data given above are based on laboratory tests; the suitability of the product has to be tested in each case. KPPL retains the right to change the qualifications at any time without any announcement and notification. It is the user's responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of result is extended since conditions of use are beyond our control.

