

The Colours of Corrosion Protection

TECHNICAL DATA SHEET

Specialty Pure Polyester Resin

K- 9430 (PP)

General Information:

K-9430(PP) is a Specialty Products for Powder Coating. This is a pure polyester resin designed for 93:7 TGIC systems. This gives a good flow with high flexibility, good outdoor durability and over baking resistance.

Product Specification:

- | | | |
|-----------------------------------|---|-----------------|
| 1. Appearance | : | Solid granules. |
| 2. Colour | : | Slight yellow. |
| 3. Acid value (mg.KOH/gm.) | : | 30-36. |
| 4. Glass transition temp. (TG.)°C | : | min. 66 |
| 5. Viscosity @ 200 °C | : | 60 -80 poise |

Stating formulation: (Glossy Black, Powder coating)

Component	Weight
K – 9430	558
TGIC	42
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 | : | 200.°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 | : | 120 kg- cm. minimum |
| (b) Direct impacts | : | 120 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.

