

The Colours of Corrosion Protection

TECHNICAL DATA SHEET

Specialty Polyester Resin

K- 7081 (70/30)

General Information:

K-7081 is a medium cure carboxylated polyester resin designed for hybrid system. It is used with Epoxy resin at the ratio 70:30. This gives a very good flow with an excellent over baking resistance and mechanical properties. It is use in glossy finish.

Product Specification:

1. Appearance	Solid granules.
2. Colour	Slight Yellower.
3. Acid value (mg.KOH/gm.)	32-36.
4. Glass transition temp. (TG.) °C	60 °C
5. Viscosity @200 °C	25-45 poise

Stating formulation: (Glossy White, Powder coating)

Component	Weight
K – 7080	420
Epoxy resin	180
Titanium dioxide (R)	170
Blanc Fix (filler)	216
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 | : | 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.

