

TECHNICAL DATA SHEET:

Version:01

LC TP 850

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Thermo Plastic Acrylic Resin: LC TP 850

Delivery Form:
50.0% (Xylene)

Packing:
200.0kg barrel/Tanker

Applications:
General purpose Masonry and
Decorative coatings

Principal properties:

Thermoplastic acrylic resin (TPA) has excellent
Color, Gloss / Gloss retention and exterior
durability characteristics.

Salient features of this acrylic resin are

- Excellent Color / Color retention.
- Excellent gloss.
- Quick setting viz excellent hardness after
1.0 to 1.30 hrs air drying.
- Excellent soap and detergent resistance.

Dilutability:

White Spirit	limited
Xylene	complete
Esters	complete
Alcohol	complete

Compatibility:

Long Oil Alkyd	limited
Medium Oil Alkyd	limited
Styrenated Alkyd	limited
Acrylic polyols	limited
Cellulose esters	good
Vinyl resins	good
Chlorinated rubber	good

Recommendations on formulation and use:

- Lacquers for PVC leather cloth.
- Housings for electronic equipment
(TV Video cabinet etc.)
- Metalizing over-lacquers.
- U V protection and scratch resistance
for polycarbonate glazing.

Product Specification:

Property	Range	Unit
Viscosity@30°C	40 – 60	Poise
Color, Gardner	01max	Gardner
Solids content	48.0 – 52.0	%
Appearance	Clear	-
Acid Value	08.0 max	mg KOH/g
Film Performance	excellent	

Other product data:

Property	Value	Unit
Sp.gr @ 25°C	1.0-1.20	g/m ³
Flash point	appr. 24.0	°C

Storage guidelines:

The resin should be stored indoors in the
original, unopened and undamaged containers
in a dry place at storage temperatures between
5°C and 30°C. Exposure to direct sunlight
should be avoided.

Shelf Life:

Under the above-mentioned storage, the shelf
life of the resin will be 9 months ex works.

Material Safety:

A material safety data sheet of the product is
available on request.

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experimental work and are believed reliable, we
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