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PEARL COAT 9106 -

TECHNICAL DATA SHEET

APPLICATIONS:

Carboxylated Polyester Resin for 70:30 Hybrid systems.

PRINCIPAL PROPERTIES:

- Economical
- · Excellent flow
- · Glossy/Semi glossy/ Matt finish

PRODUCT SPECIFICATIONS:

PROPERTY	RANGE	UNIT	ТМ
Viscosity	40-70 @ 200°C	Poise	4287-94
Acid Value	30-40	mgm of KOH/gm	2400
Color	Max 16	Gardner	-
TG	55-60	°C	-

STORAGE GUIDELINES:

The resin should be stored indoors in the original unopened and undamaged bags in a dry place at storage temperature below 30°C. Exposure to direct sunlight should be avoided.

SHELF LIFE

Under the above mentioned storage conditions the shelf life of the resin will be 12 months ex-works.

DELIVERY FORM:

Granules in 25kgs HDPE bags

GUIDE FORMULATION:

BLACK GLOSSY COATING:

COMPONENT	WEIGHT
9106	42.00
Epoxy Resin	18.00
Filler (Blank Fix)	37.50
Flow Aid	00.80
Black Pigment	01.00
Benzoin	00.30
PE Wax	00.20
Fumed Silica	00.20

MATERIAL SAFETY:

A material safety data sheet in available on request.

APPLICATION PROCEDURE:

Tribo or corona spray gun, voltage 60-80KV: 0.4-0.6mm MS panels, pretreated, coating thickness appr. 50-60 microns, stoving in air circulation oven.

BAKING SCHEDULE:

10 minutes at 180°C effective metal temperature.

APPLICATION PROPERTIES OF GLOSSY POWDER COATING

PROPERTY	VALUE	UNIT
Cupping test (Erichsen slow penetration)	>5	mm
Forward impact (ASTM 2794)	120	Kg-cm
Reverse impact (ASTM 2794)	120	Kg-cm
Salt spray test 1000 Hours	Pass	-

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