



# PEARL COAT 9105

## 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	TM
Viscosity	40-70 @ 200°C	Poise	4287-94
Acid Value	30-40	mgm of KOH/gm	2400
Color	Max 12	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
9105	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 is 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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