



Formulation

HALOX 650 in a Polyester/TGIC Powder Coating

COMPONENT:

Blend the following:

			<u>%Wt./Wt.</u>
Crylcoat 2430-0	[1]	(Polyester Resin)	65.32
Additol P 891	[1]	(Flow Additive)	6.54
Araldite PT 810	[2]	(TGIC Resin)	5.41
Benzoin	[3]	(Degassing Agent)	0.16
KRONOS 2160	[4]	(Pigment)	9.03
HALOX 650		(Corrosion Inhibitor)	2.19
Shieldex C 303	[5]	(Pigment)	11.35

TOTAL

100.00

FILM PROPERTIES

Gloss @ 20°/60°	89/97
Tg of film	81°C
Reverse impact on Al	80 kg.cm or in-lb
Reverse impact on Steel	160 kg.cm or in-lb

EXTRUSION CONDITIONS

Extruder	Twin screw
Speed	250 rpm
Torque	70 to 80 %
Temperature	95 to 105°C

APPLICATION CONDITIONS

Application	60 micrometer film on 0.5mm chromated Al panel
Spray Gun	Output voltage: 60 kV
Curing	10 min @ 200°C metal temperature

SUPPLIER KEY

- [1] UCB Surface Specialties
- [2] Vantico
- [3] GCA Chemicals
- [4] KRONOS, Inc.
- [5] W.R. Grace & Company (Grace Davison)

The information contained herein is correct to the best of our knowledge, but is intended only as a source of information. The recommendations or suggestions herein are made without guarantee of representation as to results, and we suggest that you evaluate the recommendations contained in this formulation in your own laboratory prior to use. Data and results supplied in-part by Ciba Specialty Chemicals and based on controlled or laboratory work.

PT810/650

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