

Special Texture Agent XG605-1A

I Description

XG605-1A is an organic metallic complex which is especially for producing wrinkle or texture powder coatings. It may be applied in epoxy and hybrid systems.

II Technical data

XG605-1A	Test Method	Specification
Appearance	Visualization	Yellowish or orange powder
Melting Range	GB/T 617-2006	192~196 °C
Solid Content	GB/T 1725-2008	99%min

III Application:

- XG605-1A can be used in pure epoxy or hybrid system; It can be preblended, or dryblended (lower dosage).
- To get wrinkle effect, preblend XG605-1A with other ingredients and extrude the mixture to get the base powder.
Then dry blend the base powder with BBM. BBM dosage is about 0.05~0.2% (140~180 mesh).
- For wrinkle effect, the higher dosage of XG605-1A/filler, the small wrinkle effect. Exact dosage depends on test result. Film thickness shall be more than 55µm, and baking temperature shall be above 185°C.
- Extruding temperature: 105~115°C.

IV Recommended Formula

S.N	RM		Supplier	F1	Base Powder
1	E-12	Epoxy Resin	SSC	300	
2	GLP588	Leveling Agent	SSC	5	
3	XG605-1A	Texture Agent	SSC	18	
4	Dicyandiamide	Curing Agent	SSC	12	
5	C	Carbon Black	Pigment	4	
6	CaCO ₃	CaCO ₃	Filler	80	
7	W-44HB	BaSO ₄	Filler	81	
Total				500	

Formulation: Dryblend Base powder (160 mesh) : BBM (160 mesh) = 30 : 0.1.

V Package, Storage & Handling

Available in polyethylene-lined, multi-ply paper bags, N.W.20KGS/Bag.

Keep in the cool and dry place, avoid contact with skin and eyes; wear dust mask when operating.

