

Dynacoat - Metal coating PP -



What's "Dynacoat"?

"Dynacoat" is maleic anhydride modified Polypropylene (70 mesh pass powder), which can use in "fluidized bed coating".

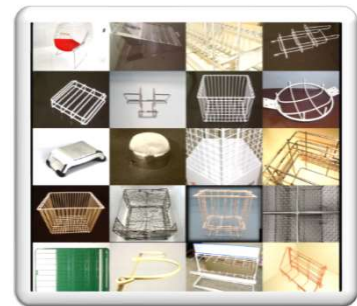
Characteristic

150°C Heat Resistance

Good adhesiveness with Metal

- * Good wear resistance/ Coefficient of friction
- * Harder than Polyethylene
- * Good chemical resistance
- * Thinner coating

Dynacoat can be use same condition as PA powder
Dynacoat can resist in boiling water disinfection
Dynacoat has good adhesiveness, especially hot-dip galvanized



Dynacoat Physical Properties

High Melt Flow Homo Polymer, which contains 5% of Titanium Dioxide. (Dynacoat 001 White)

DYNACOAT 001	Testing method	Unit	Value
Density	ASTM D1238	—	0.95
Tensile strength	ASTM D638	Mpa	36
Elongation	ASTM D638	%	200
Flexual strength	ASTM D790	Mpa	48
Flexual modulus	ASTM D790	Mpa	1700
Izod impact strength	ASTM D256	kgcm/cm	2.5
Heat distortion	ASTM D648	°C	117

<Comparison Powder for coating>

※Physical Property: Measured by Test Piece
 ※Each properties can change in air cooling

	PE	DYNACOAT	PA
Heating Temp	Low	High	High
Heat Resistance	100°C	150°C	170°C
Material Cost	Inexpensive	Middle	Expensive

DYNACHISSO THAI CO.,LTD

Amata City Chonnburi Industrial Estate, 700/382 Moo 6 Bangnatrad Rd. Km. 57, Donhuaroh, Muang, Chonburi 20000 Thailand