

General Description

LC-200 is based on a liquid oligomer that has been converted into free-flowing powder by absorption onto silica-type filler.

Eliminate orange peel effect, craters, pinholes and so on surface defects

Promotes adhesion

Improves the recoatability, Typical used in primer formulation.

Excellent compatibility.

Recommended levels: 0.8~1.5% (total formulation)

Extrusion & Application Conditions

Extruder:	Lingyu SLJ-20
Zone I temp.:	85~105°C
Zone II temp.:	90~110°C
Screw speed:	300~400rpm
Panel:	0.7mm pre-treated cold-rolled steel
Spray gun:	Lingyu SJ-5
Voltage:	60~90kV
Curing cycles:	10 min. @ 200°C

Packaging

- White PE bag, N.W.25kg/bag, 1000kg/pallet.
- Big bags 750 kg

Storage

The product can be stably stored for at least one year when kept in closed containers in a dry place at temperature below 30°C. Avoid exposure to direct sunlight.

Product Specifications

Property	Range	Test Method
Appearance	white powder	Visual
PSD(D50)	600 micron	ISO 3001
Active Ingredient, %	67~69	Longcai method
Volatile	<1.5%	Longcai method

Starting Formulation

Component	Weight
P5032	93
LC-TGIC	7
Titanium dioxide	50.0
LC-200 Flow agent	1.5
Benzoin	0.5
LC-244A	0.5

Film Properties

Item	Result	Test Method
Film thickness, μm	approx. 60	ASTM D1186
Gloss @ 60°, %	95 unit	ASTM D523
Direct/reverse impact, inch lbs	160/160	ASTM D2794
1/8" Conical mandrel	pass	ASTM D522
Adhesion(cross cut)	5B	ASTM D3359
Pencil hardness	H	ASTM D3363

Yantai Longcai Advanced Materials Co., Ltd

No.18 Hangzhou Road., Haiyang Development Zone, Yantai, China
Post code: 265100

Tel.: +86 535-330 6639

Web-site: www.longcester.com

Fax: +86 535-330 6828

E-mail: info@longcester.com

Disclaimer: The information given in this sheet is based on our present research and is believed reliable, but it is solely the user's responsibility to confirm by testing for its specific use. LONGCAI MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.