

maple[®] FL-3017A
HAA Polyester Resin

TECHNICAL DATA SHEET

Version : 2022

General Description

FL-3017A is a carboxyl functional polyester resin for combination with HAA at 95/5

- Excellent outdoor durability
- Excellent flow
- Excellent degassing properties
- Anti-baking
- Suitable for tribo gun

Extrusion&Application Conditions

Extruder	Twin screw
Temperature (°C)	95-105
Speed (rpm)	250
Application	0.5mm steel panel
Curing-metal temp.	180°C/10min

Product Specification

Property	Range	Test Method
Appearance	Pale granules	Visual
Color(Pt-Co)	150	GB/T9282.1-2008
Acid value mgKOH/g	28-34	GB/T6473-2008
Viscosity Brookfield, @ 200°C,mPa.s	2700-3300	GB/T9751.1-2008
Tg ,°C	Approx 56	GB/T19466.1-2004

Film Properties

Test	Result	Test Method
Film thickness (μm)	55-75	GB/T13452.2-2008
Gloss @ 60° (%)	≥90	GB/T9754
Direct/reverse impact (Kg.cm)	50/50	GB/T1732-1993

Starting Formulation

Component	Weight/g
FL-3017A	570
PRIMID-XL552	30
Titanium dioxide	386
Flow agent	10
Benzoin	4

Package

White opaque polyethylene bags of 25kg

Shelf Life

The shelf life of the resin will be one year.
 Stored in a dry place at temperature below 30°C.
 Avoid direct sunlight.

Yantai Fenglin Advanced Materials Co., Ltd

Floor 11, Zhongxin Building, No.77 Changjiang Road, Economic and Technological Development Zone, Yantai City

Tel : 0086-535-6935111

Fax : 0086-535-6935188

Web : www.fenglin.com.cn

Emai : info@fenglin.com.cn

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