

Titanium chelate

Introduction

This chelate has many uses as cross-linking agent, catalyst & surface modifying agent. One of the component is isopropyltitanate; $Ti(OiC_3H_7)_4$. The chelate is very reactive to moist air. This product does not contain any acetylacetone. The importance of this chelate is it is more resistant than titanium acetylacetone chelate to Phenolic antioxidants and is therefore much less likely to produce more colour in system where these antioxidants are present.

Product Characteristics

Stable Product
Light colour
Very low odour
Good compatibility with N.C mediums, Polyurethane resins & polyamide resins
Good cross-linking agent for polymer containing hydroxyl groups.
Excellent adhesion & heat stability to olefinic substrates, Foils, Metal, Rubber
Cellophane, Polyethylene and other plastics.

Application Area

For Flexo / Gravure inks
For BOPP & Co extruded Polypropylene Film.
Inks for all types of substrates.

Properties

Sr. no.	TEST	RESULTS
1	APPEARENCE	CLEAR PALE YELLOW LIQUID
2	ODOUR	ALCOHOLIC
3	SPECIFIC GRAVITY/ 30°C.	0.9790
4	VISCOSITY FCB4/30°C SECS.	16-18
5	TITANIUM CONTENT%	8.50
6	NVM%	50+/-2

This product is covered by our Safety Data Sheet

This information has been carefully compiled from experience gained in the laboratory and under commercial conditions. However, the product's performance and its suitability for the customer's purpose depend on the particular conditions of use and the material being printed. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. All sales are subject to our standard conditions of sale.