

Technical Information

Raw Material I API - 011 Adhesion Promoter



API - 011

Adhesion promoter

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.	Appearance	Clear Pale Yellow Liquid
2.	Odour	Alcoholic
3.	Specific Gravity / 30°C	0.9790
4.	Viscosity FCB4 / 30°C seconds	16 - 18
5.	Titanium Content %	8.5
6.	NVM %	50 ± 2

Note - All technical properties are for guidance only. Our data reflect the latest of our knowledge and are based on the characteristics established in the laboratory and on practice experience. No warranties of any kind, either expressed or implied, are made regarding the products here described.