

CARBOXYMETHYL TAMARIND THICKENER



We manufacture Carboxymethyl Tamarind Thickener (Textile Printing Thickener) which is used for printing polyester and its blended Fabrics. It is one of the most economical printing thickener with very good washing property & is compatible with disperse dyes. This is one of the most preferred modified thickeners for printing as it offers high leveled prints with sharp designs patterns with good filterability without affecting the colour value of dyes & also chocking free Screens.

Properties

Constitution	Carboxy Methyl Tamarind
Appearance	Yellowish Powder
Paste Appearance	Yellowish
Ionic Characteristic	Anionic
Solubility	Cold Water Soluble
Preservation	Preservative added to avoid fungus and decomposition of paste and powder
Packing	25 kgs HDPE laminated paper bags with PE Lining.

Specification

Stock Paste Percent	8 kg. Powder – 92 kg. Water
pH	9-11
Moisture	10% Max
Ash Content	20% Max
Hydration Time	3-4 hours after 30 min. of high speed stirring.
Stability	5-7 days under normal conditions.
Printing Viscosity Index (PVI)	>=0.45
Filtrations	100% Through 53 Microns
Degree of Substitutions (DS)	0.16
Insoluble Residue Material (IRM)	<=0.05

Viscosity Parameters

PRODUCTS	% SOLUTION	VISCOSITY
VITEX – 318	8%	42,000 CPS – 45,000 CPS
VITEX – 430 / VITEX – 430S	8%	38,000 CPS – 42,000 CPS
VITEX – 812 / VITEX – 812S	8%	42,000 CPS – 45,000 CPS
VITEX – 407 / VITEX – 4071	8%	40,000 CPS – 45,000 CPS

Viscosity Parameters

PRODUCTS	% SOLUTION	VISCOSITY
VITEX – 305 / VITEX – 305S	8%	38,000 CPS – 42,000 CPS
VITEX – 311	8%	40,000 CPS – 45,000 CPS
VITEX – 60T	8%	55,000 CPS – 60,000 CPS
VITEX – 817	8%	40,000 CPS – 45,000 CPS
VITEX – 310	10%	40,000 CPS – 45,000 CPS
VITEX – 200	15%	20,000 CPS – 22,000 CPS
VITEX – XXX	8% / 9% / 10% / 15%	As Per Customer Requirements

** Viscosity less than 50,000 CPS are measured with Spidle No. 6, 20 RPM by Brookfield Viscometer RVT Model at 25°C.

*** Viscosity above 50,000 CPS are measured with Spidle No. 7, 20 RPM by Brookfield Viscometer RVT Model at 25°C.