Shree Krishna Industries

A company that puts their customer's needs forward by delivering only high-quality premium products.
SKI was founded and established in 1987, we have decades of experience in fulfilling our customer's requirements of various industries.
Our products have applications in textile, paper, food, pesticides, and oil exploration.

Carboxy Methyl Tamarind Powder (CMT)

Suitable for printing disperse dyes on polyester and polyester blended fabrics.

DESCRIPTION

Constitution	CMT
Appearance	Creamish Powder
Paste Appearance	Yellowish
Ionic Characteristic	Anionic
Solubility	Cold water soluble
Preservation	Preservatives added to avoid fungus and decomposition of paste

PROPERTIES

Stock paste prep.	8 kg powder - 92 L water
pH level	9 to 10
Moisture	10% max
Ash Content	15% max
Viscosity of 8% paste	24000 - 26000 CPS (Spindle no. 6, 20RPM by Brook Field viscous meter model RVT)
Hydration time	After 30 - 40 min, at high speed stirring.

Carboxy Methyl Tamarind Powder (CMT)

NATURE

CMT provides	Sharp & level prints Good color value Choking free screens High viscosity Economical/ Organic

PREPARATION

Preparation	Stock paste: - CMT: 8 Kg Water: +92 Ltr Total: 100 Kg
Cold Preparation	Take the required quantity of gum powder for stock paste. Add slowly into the water, while stirring vigorously using a high-speed stirrer for 30-40 min. Avoid lumps. For thicker/swelled gum paste keep the stock paste overnight.
Hot Preparation	Take the required quantity of gum powder for stock paste. Add slowly into cold water, while stirring vigorously using a high-speed stirrer for 15-20min. Avoid lumps. Cook the gum paste for 5-6 H for thicker/swelled paste. Cool it overnight.

Packaging : 25Kg. HDPE laminated paper bag wit PE lining.
Storage : Sealed bag under normal condition 6 months.

AG 800

Suitable for discharge printing by dispersing discharge, Vat, Vat discharge, Indigosol, and Acid discharge. For Silk, polyesters, polyester-cotton & polyester-rayon blends.

DESCRIPTION

Constitution	Mannogalactan/ Guar gum Ether
Appearance	Creamish Powder
Paste Appearance	Yellowish
Solubility	Cold water soluble
Preservation	Preservatives added to avoid fungus and decomposition of paste

PROPERTIES

Stock paste prep.	8 kg powder - 92 L water
pH level	9 to 10
Moisture	10% max
Ash Content	12% max
Viscosity of 8% paste	28000 - 32000 CPS (Spindle no. 6, 20RPM by Brook Field viscous meter model RVT)
Stability of Stock paste	5 to 7 days under normal conditions.
AG 800 provides	Rapid viscosity Choking free screens Sharp level prints Good wash off properties Better penetration in prints High color yield

AG 800

PREPARATION

Preparation	Stock Paste:- AG 800: 8Kg Water: +92Ltr Total: 100Kgs
Cold Preparation	Take the required quantity of gum powder for stock paste. Add slowly into the water, while stirring vigorously using a high-speed stirrer for 30-40 min. Avoid lumps. For thicker/swelled gum paste keep the stock paste overnight.
Hot Preparation	Take the required quantity of gum powder for stock paste. Add slowly into cold water, while stirring vigorously using a high-speed stirrer for 15-20min. Avoid lumps. Cook the gum paste for 5-6 H for thicker/swelled paste. Cool it overnight.

Packaging : 25Kg. HDPE laminated paper bag wit PE lining.
Storage : Sealed bag under normal condition 6 months.

NB/ 350

Printing pastes for the reactive and direct type of dyes can be prepared from this particular gum. It is widely used for printing on cotton, polyesters & rayon fabrics.

DESCRIPTION

Constitution	Mannogalactan/ Guar gum Ether/ Carboxyl Methyl guar
Appearance	Creamish Powder
Solubility	Cold water soluble
Preservation	Preservatives added to avoid fungus and decomposition of paste

PROPERTIES

Stock paste prep.	4 kg powder - 96 L water
pH level	Natural (7 - 7.5)
Moisture	10% max
Ash Content	12% max
Viscosity of 8% paste	20000 - 25000 CPS (Spindle no. 6, 20RPM by Brook Field viscous meter model RVT)
Stability of stock paste	5 to 7 days under normal conditions

NB/ 350

NATURE

NB 350 provides	Rapid viscosity Choking free screens Sharp level prints Better penetration for vivid prints Stability under shear conditions Good wash off properties

PREPARATION

Preparation	Stock Paste:- NB 350: 4Kg Water: +96Ltr Total: 100Kgs
Cold Preparation	Take the required quantity of gum powder for stock paste. Add slowly into the water, while stirring vigorously using a high-speed stirrer for 30-40 min. Avoid lumps. For thicker/swelled gum paste keep the stock paste overnight.

Packaging : 25Kg. HDPE laminated paper bag wit PE lining.
Storage : Sealed bag under normal condition 6 months.

Samginate
(Printing thickener)

- Samginate-5000 is developed in our well-equipped lab to meet the current requirements of the textile industry.
- Samginate-5000 is purely organic as it is extracted from vegetable leguminous family, no external harsh chemicals are added. Hence, it does not affect the characteristics of reactive dyes and the problems faced by the usage of hard water in the preparation of the thickener.
- The thickener meets all the standardized physical and chemical properties.
- Samginate-5000 contains higher hydrofoil property, therefore, giving even penetrating value and maintaining the original brightness, depth, and sharpness of the dyes.
- Samginate-5000 replaces Sodium Alginate for cotton printing and gives exactly the same result in depth and softness as Sodium Alginate.

Appearance	Brown powder
Moisture content	Not more than 10
Ionic Characteristic	Non- Ionic
pH value	Neutral (7 - 7.5)
Stability	For few weeks in normal environmental conditions

DESCRIPTION

Samginate
(Printing thickener)

ADVANTAGES

Stability to acid	Good stability with quantities of alkali and metallic salt which are majorly used in printing-paste. The thickener coagulates well with borax in an alkaline condition.
Field of applicaton	For use in Flatbed, Auto, Semi-auto, Roller, Rotary, and Hand screen printing.
Suitable Fabrics	Cellulosic fabrics, super fine cotton, 100x120 malmal. Excellent printing properties and procion (reactive) dyestuff.

PREPARATION

Preparation	The paste can be prepared either with hot or cold water, with a high-speed stirrer (3000 RPM) at the following concentration. Stock Paste:- Samginate-5000: 4Kg Water: +92Ltr Total: 100Kgs

Packaging : 25Kg. HDPE laminated paper bag wit PE lining.
Storage : Sealed bag under normal condition 6 months.

Yellow Gum - TX

Printing pastes of disperse dyes, rapid dyes, acid dyes can be prepared from TX. Yellow gum can be prepared to print on cotton, polyester, rayon or acrylic.

DESCRIPTION

Constitution	Mannogalactan/ Guar gum Ether
Appearance	Yellowish Powder
Paste Appearance	Yellowish
Preservation	Preservatives added to avoid fungus and decomposition of paste
Solubility	Cold water Soluble

PROPERTIES

Stock paste prep.	3.5 Kg powder - 96.5 L water
pH level	9-10
Moisture	10% max
Ash Content	12% max
Viscosity of 3.5% paste	22000 - 26000 CPS (Spindle no. 6, 20RPM by Brook Field viscometer model RVT)
Stability of stock paste	5 to 7 days under normal conditions

Yellow Gum - TX

CHARACTERISTICS

Rapid Viscosity	Choking free screens
High Colour Yield	Viscosity stability under sheer condition
Sharp & level prints	Good wash off properties
Can be used on hand screens printing	Flat bed & rotary printign machine

PREPARATION

Cold Preparation	The paste can be prepared either with hot or cold water, with a high-speed stirrer (3000 RPM) at the following concentration. Stock Paste:- Yellow gum - TX : 3.5 Kg Water: 96.5Ltr Total: 100Kgs

Packaging : 25Kg. HDPE laminated paper bag wit PE lining.
Storage : Sealed bag under normal condition 6 months.

NBV

NBV is suitable for use in flatbed, roller hand screen printing, Brasso printing, semi-auto machine or natural and synthetic fabrics with procion (reactive) dyestuffs.m

DESCRIPTION

Mesh	100 Mesh
Appearance	White free flowing powder
Paste Appearance	white/off white
Preservation	Preservatives added to avoid fungus and decomposition of paste
Solubility	Cold water Soluble

PROPERTIES

Stock paste prep.	3-3.5 Kg powder - 97-96.5 L water
pH level	Neutral
Moisture content	12% maximum
Ionic Characterics	Non- Ionic
Stability of stock paste	5 to 7 days under normal conditions
Preparation of stock paste	Prepared in hot water in which the required quantity of NBV is added to hot water during constant stirring. Agitate mixture for 15 minutes and heat till it boils and cooks. While constantly stirring cool the mixture down to 50 degree C and stop stirring.

Tamarind Kernel Powder-TKP

Tamarind Kernel Powder or TKP is a polysaccharide obtained from the endosperm of the tamarind seed of the tamarind tree. This TKP based gum is a valuable thickener and stabilizer, used in different industries.

DESCRIPTION

Appearance	Creamy white powder
Paste Appearance	white/off white
Solubility	Hot water Soluble
Preservation	Preservatives added to avoid fungus and decomposition of paste

PROPERTIES

Stock paste prep.	8 Kg powder - 92 L water
	6-7 max (neutral)
Moisture content	10% maximum
	5 to 7 days under normal conditions
Ash Content	3% Max
	Prepared in hot water in which the required quantity of TKP is added to hot water during constant stirring. Agitate mixture for 15 minutes and heat till it boils and cooks. While constantly stirring cool the mixture down to 50 degrees C and stop stirring.