



CARPET PROCESSING

TANAPRINT[®] THICKENERS RANGE

Valve jet printing & others

TANAPRINT®

TANATEX Chemicals develops, produces and sells textile processing solutions for high-quality carpets. We provide a full range of products for use in dyeing, screen printing, valve jet printing and finishing of carpets.

TANATEX presents its TANAPRINT® range for valve jet printing on carpet and other high pile fabrics and further special applications. For valve jet printing, TANATEX developed different thickeners for different nozzle systems and for various quality requirements.

The TANAPRINT® range for valve jet printing consists of three products:

TANAPRINT® MAX is an economic polyacrylate thickener with focus on easy handling for 16 and 25 dpi. MAXimum safety in handling, MAXimum printing performance and MAXimum economical advantage.

TANAPRINT® DCS 01 is an easy handling thickener for deep shades and sharp contours. TANAPRINT® DCS 01 is suitable for nozzles with a diameter up to 25 dpi nozzles and achieves brilliant high quality prints.



TANAPRINT® HDT 01 is a high definition thickener for fine nozzle jets and high quality requirements. TANAPRINT® HDT 01 is suitable for 25 and 76 dpi nozzles and achieves most brilliant and deep shades with outstanding sharpness, no frosting.

Furthermore we offer TANAPRINT® and TANAPASTE® products for different specific applications as:

- * Valve jet printing with cationic dyes on PAN or modified PES types.
- * Valve jet printing on cellulosic fibres with reactive or direct dyes.
- * Valve jet printing on PES (for Thermosol process).
- * Space dyeing (pH and electrolyte stable thickener).

TANATEX still focusses on liquid thickeners because of numerous advantages of the liquid formulation, such as:

- * Constant product quality due to strong product control
- * No dust during manipulation
- * Ready to use products, no pH setting necessary
- * Quick swelling
- * No foaming during preparation of stock and print paste
- * Constant stock paste viscosity
- * Better stability against electrolytes
- * Longer stability of print pastes when using process colours
- * Low print paste viscosities applicable
- * Easy machine cleaning
- * Print sharpness and shade depth

Anyhow, also powder thickeners can have some advantages:

- * Not sensitive against bacteria and fungi
- * Suitable for Thermosol process
- * Low COD value