



Divine Chemicals Company

Innovating Chemistry

Dytan:

Pretanning and Tanning Syntan; Aluminum syntan, Aluminum chrome syntan and Aromatic sulphonic acid condensation product; imparts good pretanning and tannin effect thereby leather with good fullness, tight grain, improved break, good filling, uniform and level colored and high yield are obtained.

Vegetable, Phenol and Aromatic sulphonic based; Imparts excellent fullness, roundness, filling, uniform and leveled color with fine grain. It helps in improving cutting area yield of leather, suitable for retanning of wet blues to obtain fuller, fine and closed grain with excellent reactivity.

Synthetic Aldehyde based; Specially engineered tanning and retanning agent imparts good fullness, grain tightness improved break with excellent lightfastness, uniform feel and fine break to the leather. It penetrates deep into leather especially in looser areas giving good filling effect, round body and feel throughout the cross-section of leather.

Pretanning and Tanning Syntan- Based Aluminium, Chrome and aromatic sulphonic acid

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
Dytan AT-35	Aluminum complex syntan	Clear colorless liquid	30 ± 2	2.5-3.5 / Cationic	Dytan AT-35 is pure Aluminium syntan having self tanning power, produces leather with compact tight smooth grain, good filling, fullness, excellent plumpness, better cutting yield and very good buffing property. Dytan AT-35 can replace chrome partly in tanning and completely in rechroming. When used in tanning as a pretanning agent (1-3 %) it is always advisable to use the product at higher pickle ph approx 3.0 and followed by chrome tanning resulting into better uptake of chrome, flat and uniform wetblue. When pelt pretanned with Dytan AT-35 and basified, splitted and shaved are treated with vegetable and synthetic tanning material leather with excellent fullness and plumpness are obtained. In case of vegetable tanned leathers Dytan AT-35 is used 3-5% after pickling followed by basification. The same stock when vegetable tanned, leather with excellent fullness, plumpness, compactness with better area yield are obtained. Dytan AT-35 imparts denser and tighter grain, brilliant and deeper dye shades and excellent nap for suede and nubuck. Dytan AT-35 can also be used for pretanning wet white pelts to make them readily splittable and shavable. Suitable for pretanning, tanning and retanning of all types of leather including white leather. It can be used 2 to 5 % depending on type of leather to be produced and result desired.
Dytan AT-100	Aluminum complex syntan	White powder	95 ± 2	2.5-3.5 / Cationic	Dytan AT-100 is pure Aluminium syntan having self tanning power, produces leather with compact tight smooth grain, good filling, fullness, excellent plumpness, better cutting yield and very good buffing property. Dytan AT-100 can replace chrome partly in tanning and completely in rechroming. When used in tanning as a pretanning agent (1-

					3%) it is always advisable to use the product at higher pickle ph approx 3.0 and then followed by chrome tanning resulting into better uptake of chrome, flat and uniform wet blue. When pelt pretanned with Dytan AT-100 and basified, splitted and shaved are treated with vegetable and synthetic tanning material leather with excellent fullness and plumpness are obtained. In case of vegetable tanned leathers Dytan AT-100 is used 3-5% after pickling followed by basification. The same stock when vegetable tanned, leather with excellent fullness, plumpness, compactness with better area yield are obtained. It imparts denser and tighter grain, brilliant and deeper dye shades and excellent nap for suede and nubuck. Dytan AT-100 can also be used for pretanning wet white pelts to make them readily splittable and shavable. Suitable for pretanning, tanning and retanning of all types of leather including white leather. Dytan AT-100 can be used 2 to 5 % depending on type of leather to be produced and result desired.
Dytan AS-96	Aluminium and aromatic sulphonic acid complex	Creamish white powder	95 ± 2	3.0-4.0 / Anionic	Dytan AS-96 imparts pronounced handle and very good grain tightening effect. Dytan AS-96 is used in retanning of chrome leathers to achieve good depth of shade and levelness besides softness and fine grain. Dytan AS-96 is a good product for production of nubuck and suede leathers. Dytan AS-96 produces leather with compact tight smooth grain, good filling, fullness, excellent plumpness, better cutting yield and very good buffing property. It can replace chrome partly in tanning and completely in rechroming. When used in tanning as a pretanning agent (1-3%) it is always advisable to use the product at higher pickle ph approx 3.0 and then followed by chrome tanning resulting into better uptake of chrome, flat and uniform wet blue. When pelt pretanned with Dytan AS-96 and basified, splitted and shaved are treated with vegetable and synthetic tanning material leather with excellent fullness and plumpness are obtained. Suitable for all types of chrome tanned leathers. It can be used 1 to 4 % depending on type of leather to be produced and result desired.
Dytan AS-96FF	Aluminium and aromatic sulphonic acid complex	Creamish white powder	95 ± 2	3.0-4.0 / Anionic	Dytan AS-96FF is free of free formaldehyde product imparts pronounced handle and very good grain tightening effect. Dytan AS-96FF is used in retanning of chrome leathers to achieve good depth of shade and levelness besides softness and fine grain. Dytan AS-96FF is a good product for production of nubuck and suede leathers. Dytan AS-96FF produces leather with compact tight smooth grain, good filling, fullness, excellent plumpness, better cutting yield and very good buffing property. It can replace chrome partly in tanning and completely in rechroming. When used in tanning as a pretanning agent (1-3%) it is always advisable to use the product at higher pickle ph approx 3.0 and then followed by chrome tanning resulting into better uptake of chrome, flat and uniform wet blue. When pelt pretanned with Dytan AS-96FF and basified, splitted and shaved are treated with vegetable and synthetic tanning

					material leather with excellent fullness and plumpness are obtained. Suitable for all types of chrome tanned leathers. It can be used 1 to 4 % depending on type of leather to be produced and result desired.
Dytan AC-98	Chrome and aluminium complexed with syntan	Greenish powder	94 ± 2	3.0-4.0 / Cationic	Dytan AC-98 is free of free formaldehyde product helps in accelerating the penetration and therefore better chrome dispersion in the cross-section is achieved. It imparts excellent filling, dense tight grain, and good buffing properties. Dytan AC-98 produces short and very silky nap to suede and nubuck leathers. Very deep and brilliant dyed shades are obtained when Dytan AC-98 is used in tanning and rechroming. In chrome tannage about 25% of total tanning can be replaced with Dytan AC-98 . In rechroming of chrome leathers 4-8% Dytan AC-98 on shaved can be used. It can also be used in combination with BCS for semichroming of vegetable leathers to produce tighter and fuller leathers with very good dyeing properties. It can be used 2 to 8 % depending on type of leather to be produced and result desired.

Pretanning and Tanning Syntan - Vegetable, Phenol and aromatic sulphonic based

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
Dytan STA	Tailor made vegetable tanning agent	Light Brown powder	93 ± 2	4.5-6.5 / Anionic	Dytan STA is free of free formaldehyde tanning and retanning product imparts excellent fullness, roundness, filling, better buffing property, uniform and leveled color with fine grain. It helps in improving cutting area yield of leather. Dytan STA is particularly suitable for retanning of wet blues to obtain fuller, fine and closed grain with excellent reactivity. It can also be used for leather board, vegetable tanned, semichrome leathers. Dytan STA can be used with advantage as a pretanning agent for leathers to be vegetable tanned, it accelerates the uptake of tannins. In vegetable tanned leathers, Dytan STA can easily replace 25 to 30% vegetable tannins with advantage. Suitable for all types of leather. It can be used 2 to 11 % depending on type of leather to be produced and result desired.
Dytan VTW	Tailor made vegetable & Polymeric tanning syntan for all types of leather	Light Yellow Powder	95 ± 2	5.5-7.5 / Anionic	Dytan VTW is free of free formaldehyde syntan imparts excellent fullness, roundness, better buffing property, uniform and leveled color with good filling to the looser areas resulting fine tight grain with soft handle. It also gives good dyeing properties and improves buffing property of nubuck and suede leathers. It helps in improving cutting area yield of leather. Dytan VTW helps in improving cutting area yield of leather and is fixed under acid condition and has selected filling action, which improves the more open structured areas of leather. This results in the leather with fullness, tight flexible grain and uniform softness making it a very suitable retanning material for the production of softy full grain leather. It can also be used for leather board, vegetable tanned, semichrome leathers. Dytan

					<p>VTW can easily replace 15 to 20% vegetable tannins with advantage. Suitable for all types of leather. It can be used 2 to 11 % depending on type of leather to be produced and result desired. Dytan VTW has very good dispersing effect and hence can be used as pretanning agent and dispersing agent and there by imparts compactness with mellowness and helps in maintaining the feel and thickness of leather. Dytan VTW can also be used for the production of C.G. leather, nubuck, suedes, nappa, garment, upholstery etc where softness, with grain tightness and filling is desired. Dytan VTW promotes level dyeing and good buffing. It can be used 2 to 7% depending on type of leather to be produced.</p>
Dytan VSN	Naphthalene and vegetable complex tanning product	Beige powder	94 ± 2	4.5-5.5 / Anionic	<p>Dytan VSN is tanning and retanning product imparts excellent dispersing, fullness, roundness, filling, better buffing, uniform and leveled color with fine grain. It helps in improving cutting area yield of leather. Dytan VSN is particularly suitable for retanning of wet blues to obtain fuller, fine and closed grain with excellent reactivity. It can also be used for vegetable tanned and semichrome leathers. Dytan VSN can be used with advantage as a pretanning agent for leathers to be vegetable tanned, it accelerates the uptake of tannins. It is suitable for all types of leather. Dytan VSN can be used in rechroming bath after rechroming to impart better fullness, filling, grain tightness and good buffing property. It can be used 2 to 11 % depending on type of leather to be produced and result desired.</p>
Dytan VSP	Phenol & vegetable complex tanning agent	Beige powder	95 ± 2	4.0-5.5 / Anionic	<p>Dytan VSP is tanning and retanning product imparts excellent fullness, grain tightness, very good filling, and good buffing, uniform and leveled color with fine grain. Dytan VSP is particularly suitable for retanning of wet blues to obtain fuller, finer and closed grain with excellent reactivity. It can also be used for vegetable tanned and semichrome leathers. Dytan VSP can be used with advantage as a pretanning agent for leathers to be vegetable tanned, it accelerates the uptake of tannins. Suitable for all types of leather. Dytan VSP can be used in rechroming bath after rechroming to impart better fullness, filling and grain tightness. Dytan VSP can be used 2 to 10 % depending on type of leather to be produced and result desired.</p>

Pretanning and Tanning Syntan - Synthetic Aldehyde based

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
Dytan SAL	Synthetic aldehyde with soft synthetic co-polymer	Light yellow liquid	20 ± 2	6.0-8.0 / Anionic	<p>Dytan SAL is specially engineered tanning and retanning agent imparts good fullness, grain tightness improved break with excellent lightfastness. Dytan SAL penetrates deep into leather especially in looser areas giving good filling effect, round body and feel throughout the cross-section of Leather. It helps in reducing looseness of chrome tanned and vegetable tanned leathers. Dytan SAL imparts uniform feel and fine break to the leather. Dytan SAL is most suitable pretanning and retanning agent for all types of leather where softness without looseness is required. As a pretanning agent</p>

					it helps in further penetration of chemicals into leather resulting into fuller compact and tight break leather. It produces leather with uniform feel, good filling and fullness with nice mellow handle. Dytan SAL is suitable for chrome tanned, chrome retanned, vegetable tanned and semi chrome leathers for shoe upper softy nappa, bag leather, lining and high vegetable tanned leathers. It can be used 2 to 4 % depending on type of leather to be produced and result desired.
Dytan SAH	Synthetic aldehyde with synthetic co-polymer	Pourable liquid	20 ± 2	3.0-4.0 / Anionic	Dytan SAH is specially engineered tanning and retanning agent imparts good fullness, grain tightness improved break with excellent lightfastness. Dytan SAH in chrome tanning and rechroming bath impart plumpness, body and round feel to the leather. When used as a pretanning syntan for vegetable tanned leather, it imparts good compactness and helps in reducing looseness of leather. Dytan SAH imparts uniform feel and fine break to the leather. Dytan SAH produces leather with uniform feel, good filling and fullness with nice mellow handle. Dytan SAH can also be used in chrome tanning bath to improve the substance and thickness of wet blue. It is suitable for chrome tanned, chrome retanned, vegetable tanned and semi chrome leathers. Dytan SAH can be used 2 to 5% depending on type of leather to be produced and result desired.

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