



Divine Chemicals Company

Innovating Chemistry

Dycryltan:

Acrylic Syntan; Imparts tanning and retanning effect, excellent filling, uniform softness and grain tightness with improved break, good fullness and fluffy handle, uniform milling to form uniform pattern. Leather produced with it has very good filling, lightweight and very good light fastness.

Special Polymeric compound; Imparts excellent compactness and better buffing property resulting into fine nap to suedes and also better finishing of splits and corrected grain leathers. It yields fuller and compact bellies along with good roundness throughout the leather.

Lubricated Polymer syntan; Imparts lubricated grain tightness with improved grain break, good fullness, good filling in loose areas, plumpness, grain compactness, improved buffing and fluffy handle.

Acrylic Syntan

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
Dycryltan 1199	Unique acrylic co-polymer	Light amber liquid	40 ± 2	6.5-8.5 / Anionic	Imparts very good grain tightness with excellent grain break, strength, dye value and fullness to all types of full grain and corrected grain leathers. Leathers produced with Dycryltan 1199 has very good filling in belly, flank and shank area. Amphoteric in nature, it can be used at any ph between 3.60 to 6.80. Dycryltan 1188 has fine particle size and hence penetrates well in to leather thereby imparts filling in loose portion and reduces the chance of grain cracking resulting in to grain flatness with uniform fullness Dycryltan 1199 can also be used for light weight garment and upholstery leathers to impart excellent strength and aging properties. Suitable for all types of chrome tanned and vegetable tanned leathers. It can also be used for water proof leathers. Dycryltan 1188 can be used between to 2 to 8 % depending on type of leather to be produced and result desired.
Dycryltan DRE-40	Unique acrylic co-polymer	Light amber liquid	40 ± 2	6.5-8.5 / Anionic	Imparts very good grain tightness with excellent grain break, strength, dye value and fullness to all types of full grain and corrected grain leathers. Leathers produced with Dycryltan DRE-40 has very good filling in belly, flank and shank area. Amphoteric in nature, it can be used at any ph between 3.60 to 6.80. Dycryltan DRE-40 has fine particle size and hence penetrates well in to leather thereby imparts filling in loose portion and reduces the chance of grain cracking resulting in to grain flatness with uniform fullness Dycryltan DRE-40 can also be used for light weight garment and upholstery leathers to impart excellent strength and aging properties. Suitable for all types of chrome tanned and vegetable tanned leathers. It can also be used for water proof leathers. Dycryltan DRE-40 can be used between to 2 to 8 % depending on type of leather to be produced and result desired.
Dycryltan	Unique	Light	35 ± 2	6.5-8.5 /	Imparts very good grain tightness with improved break,

1177	acrylic co-polymer	amber liquid		Anionic	strength, dye value and fullness to all types of full grain and corrected grain leathers. Dycryltan 1177 has fine particle size and hence penetrates well in to leather thereby imparts filling in loose portion and reduces the chance of grain cracking resulting to grain flatness with uniform fullness. Amphoteric in nature, it can be used at any ph between 3.60 to 6.80. Dycryltan 1177 can also be used for light weight garment and upholstery leathers to impart excellent strength and aging properties. Suitable for all types of chrome tanned and vegetable tanned leathers. It can be used between 2 to 8 % depending on type of leather to be produced and result desired.
Dycryltan 1188	Very soft acrylic polymer	Light yellow liquid	30 ± 2	5.0-6.5 / Anionic	Dycryltan 1188 imparts excellent filling, very good uniform softness and grain tightness with improved break, good fullness and fluffy handle. Dycryltan 1188 helps in uniform milling to form uniform pattern. Leather produced with it has very good filling, light weight and very good light fastness. Suitable for all types of upper, softy, nappa, garment, & upholstery leather. Dycryltan 1188 can be used 2 to 11 % for all types of leathers depending on type of leather to be produced and result desired.
Dycryltan CRE-60	Very soft acrylic polymer	Light yellow liquid	40 ± 2	6.0-8.5 / Anionic	Dycryltan CRE-60 imparts excellent filling, very good uniform softness and grain tightness with improved break, good fullness and fluffy handle. Dycryltan CRE-60 helps in uniform milling to form uniform pattern. Leather produced with it has very good filling, light weight and very good light fastness. Suitable for all types of upper, softy, nappa, garment, & upholstery leather. Dycryltan CRE-60 can be used 2 to 11 % for all types of leathers depending on type of leather to be produced and result desired.
Dycryltan 840	Multi-Carboxylic polymer tanning and retanning agent	Creamy milky liquid	30 ± 2	2.5-4.0 / Anionic	Produces leather with improved grain tightness and smoothness with excellent filling, fullness and plumping. Dycryltan 840 imparts improved grain break and outstanding light fastness. Since it imparts good filling effect in loose area thereby imparts better cutting value to the leather. Depending on application softer to firmer leather can be produced with Dycryltan 840 . It has tanning and retanning properties and will improve shrinkage temperature of leather. Amphoteric in nature it can be used from pH 3.5 to 6.0. Suitable for all types of upper, softy, nappa, garment, upholstery leather and industrial leathers. It can be used from 2 to 8 % depending on type of leather to be produced and result desired.
Dycryltan 940	Multi-Carboxylic polymer tanning and retanning agent	Creamy milky liquid	40 ± 2	2.5-3.5 / Anionic	Produces leather with improved grain tightness and smoothness with excellent filling, fullness and plumping. Dycryltan 840 imparts improved grain break and outstanding light fastness. Since it imparts good filling effect in loose area thereby imparts better cutting value to the leather. Depending on application softer to firmer leather can be produced with Dycryltan 940 . It has tanning and retanning properties and will improve shrinkage temperature of leather. Amphoteric in nature it can be used from pH 3.5

					to 6.0. Suitable for all types of upper, softy, nappa, garment, upholstery leather and industrial leathers. It can be used from 2 to 8 % depending on type of leather to be produced.
Dycryltan 1190	Special acrylic co-polymer	Light amber liquid	40 ± 2	7.0-9.0 / Anionic	Imparts excellent filling in loose areas, flat, tight grain break with softness, excellent dispersibility with high uptake, low fogging, excellent dye leveling and light fastness. Dycryltan 1190 is excellent dispersing agent for water proof fatliquor & also disperses syntans and vegetable tannins and thereby reduces the process time and improves the bath exhaustion and thereby reduces the chemical wastage. Since it imparts good filling effect thereby imparts better cutting value to the leather. It can also replace TARA with better lightfastness. Leathers produced with Dycryltan 1190 have very good buffing property and has good embossing and milling effect. Dycryltan 1190 can be used as neutralizing agent with better properties. Best application at PH 4.0 -5.5, Suitable for upholstery, waterproof, upper, softy, nappa, garment, split suedes and all types of leather. It can be used 2 to 8 % depending on type of leather to be produced and result desired.
Dycryltan 1170	Special acrylic co-polymer tanning agent	Light yellow liquid	30 ± 2	4.0-5.0 / Anionic	Dycryltan 1170 can be used as pretanning, tanning and retanning agent for all types of leather. Dycryltan 1170 has tanning capability and hence can be used as replacement for phenolic syntans and improves shrinkage temperature. Imparts softness, mellowness, plumpness excellent grain tightness with fine smooth grain and improved grain strength. It is useful for mellow, lightweight and heavyweight shoe upper leather. It imparts good dispersing for vegetable tanning system and promotes uniform dye shades and buffability. Suitable for all types of leather. It can be used 2 to 7 % depending on type of leather to be produced and result desired.
Dycryltan 1166	Special acrylic filler and whitener	Milky liquid	40 ± 2	9.0-10 / Anionic	Dycryltan 1166 is specially engineered nonmineral hollow sphere polymer syntan for excellent drum filling and whitening purpose resulting into better upgraded leather surface with better cutting value. Dycryltan 1166 imparts excellent filling with flat and smooth grain along with bright clean dye shade. Dycryltan 1166 helps in hiding the grain defects of crust leather, when used for goat and seep leather it helps in obtaining finer, compact and smoother grain, when used for nubuck and suedes it helps in buffing and upgrading the surface and fineness of nap. As drum filler it does not harden the surface of leather and hence there is no risk in using it. Suitable for upholstery, upper, softy, nappa, garment, white leather and all types of leather. It can be used 1 to 5 % depending on type of leather to be produced and result desired.
Dycryltan MR-78	Monomeric, heterocyclic, N-methylol compound	Light yellow liquid	40 ± 2	4.5-5.5 / Anionic	Dycryltan MR-78 is specially designed to impart good grain tightness, elastic fine grain with smooth appearance and strong filling effect. Dycryltan MR-78 helps in getting round body without hardening the leather feel. For obtaining optimum result Dycryltan MR-78 is recommended to be used in rechroming bath between pH range 3.5-4.5. It does not affect the dye shades. Dycryltan MR-78 can be used 3

					to 5 % depending upon the desired result. It is suitable for all types of leather.
Dycryltan UR-88	Carbamide formaldehyde condensation product	Pale yellow liquid	35 ± 2	6.5-7.5 / Cationic	Dycryltan UR-88 imparts excellent grain tightness with fine grain formation, reduces stretch of the leather. It imparts short and even nap to nubuck and suedes. It improves the grain break and helps to increase tensile strength of leather. Use of Dycryltan UR-88 in chrome tanning and rechroming operation gives good tightness and plumpness to the leather. When used after fatliquoring ensures proper fixation of fatliquors. It can be used 2-5 % depending on type of leather to be produced. Suitable for upper, softy, nappa, bag leather, glaze etc
Dycryltan DR-68	DCDA based resin retanning agent	Brown liquid	50 ± 2	8.5-9.5 / Anionic	Dycryltan DR-68 imparts good filling to looser areas resulting fine tight grain with soft handle. It also gives good dyeing properties and improves buffing property of nubuck and suede leathers. Dycryltan DR-68 is fixed under acid condition and has selected filling action, which improves the more open structured area of the leather. This results in leather with fullness, tight flexible grain and uniform softness making it very suitable retanning material for the production of full grain and corrected grain leather. It can also be used for vegetable tanned leather, it imparts round feel and good grain tightness without tightening feel of leather. It imparts fine uniform milled grain to milled leathers. It can be used after neutralization in retanning of mineral tanned, vegetable tanned and combination tanned leathers. Suitable for all types of leather. It can be used 2-6 % depending on type of leather to be produced.

Special Polymeric compound

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
Dycryltan RT-76	Special Polymeric compound	White paste	40 ± 2	4.0-5.0 / Anionic	Dycryltan RT-76 is specially designed polymeric compound for retanning of splits and C.G. types of leather where compactness and short nap is required. It imparts good compactness by filling in loose fiber structure thereby increase tensile strength and stitch tear strength. It helps in reducing the looseness of the leather from grain side and flesh side thereby reducing trimming and increases area yield. When used for splits it imparts excellent compactness and better buffing property resulting into fine nap for suedes and also better finishing of splits. Dycryltan RT-76 yields fuller and compact bellies along with good roundness throughout the leather. It helps to overcome double layer problem of sheep leather. When Dycryltan RT-76 is used with fatliquors it penetrates deep and imparts good body. In splits Dycryltan RT-76 should be given in rechroming stage and with or after fatliquoring of the leather before fixing. After use split should be vacuum dried or toggle dry then plate and buff, resulting split with very good body with short nap. It can be used 2 to 4 % for splits and 1 to 2 % for corrected grain leathers. Suitable for upper, nappa, split, nubuck, suede, and split upholstery.

Lubricated Polymer Syntan

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
Dycryltan LAS-68	Lubricated polymeric compound	Pale yellow to brownish paste	50 ± 2	7.0-9.5 / Anionic	Dycryltan LAS-68 is specially designed polymeric compound imparts softness with grain tightness and improved break. Suitable for retanning of F.G. and C.G. leathers where grain compactness, filling, plumpness and good buffing are required. Dycryltan LAS-68 imparts good grain compactness by filling in loose fiber structure thereby increase tensile strength and stitch tear strength. It helps in reducing the looseness of the leather and increases area yield. It should be used after retanning, either alone or with fatliquors. Dycryltan LAS-68 yields fuller and compact bellies along with good roundness throughout the leather. When Dycryltan LAS-68 is used with fatliquors it penetrates deep and imparts good body. The product has limited shelf life. It can be used 2 to 4 % for all types of leather. Suitable for upper, nappa, garment, split, nubuck, suede, and split upholstery.

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