



## Divine Chemicals Company

Innovating Chemistry

### Dysyntan:

**Replacement syntan;** Imparts a high degree of suppleness and in addition improves the tightness and fineness of the grain with mellow handle. It has good dispersing effect results in a deeper and more uniform penetration, imparts good body, compact grain and very good fullness, roundness, mild filling and ensures smoothness and tightness of grain.

**Resin and Filling Syntan;** Imparts selective filling in the loosely structured parts of the leather. Gives good grain tightness and fullness to the leathers with good leveled dying, better buffing and finishing.

### Replacement Syntan

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
<b>Dysyntan RTC</b>	Phenol-naphthalene condensation product	Pale brown liquid	50 ± 2	4.5-6.5 / Anionic	<b>Dysyntan RTC</b> imparts mellow feel with excellent fullness. It can be used for retannage of softy uppers, nappa, garment leathers, upholstery etc <b>Dysyntan RTC</b> in addition improves the tightness and fineness of the grain with mellow handle. The good dispersing effect of <b>Dysyntan RTC</b> results in a deeper and more uniform penetration of the other tanning (chrome & vegetable) and retanning agents. It imparts good body, compact grain and very good fullness. <b>Dysyntan RTC</b> is designed to give mild filling and ensures smoothness and tightness of grain. When used in rechroming stage it imparts additional fullness, roundness, and body. Since it is liquid syntan it can be added directly to the drum without prior dissolving, and it penetrates much faster than powder syntan hence it imparts better properties than powder syntans. <b>Dysyntan RTC</b> is suitable for all types of leather. It can be used 2-6 % depending on type of leather to be produced and desired result.
<b>Dysyntan PR-78</b>	Phenol condensation product	Pale brown liquid	50 ± 2	4.5-6.5 / Anionic	<b>Dysyntan PR-78</b> imparts a high degree of suppleness and in addition improves the tightness and fineness of the grain with mellow handle. The good dispersing effect of <b>Dysyntan PR-78</b> results in a deeper and more uniform penetration of the other tanning (chrome & vegetable) and retanning agents. It imparts good body, compact grain and very good fullness. <b>Dysyntan PR-78</b> is designed to give mild filling and ensures smoothness and tightness of grain. When used in rechroming stage it imparts additional fullness, roundness, and body. Since <b>Dysyntan PR-78</b> is liquid syntan <b>Dysyntan PR-78</b> can be added directly to the drum without prior dissolving, and it penetrates much faster than powder syntan hence it imparts better properties than powder syntans. <b>Dysyntan PR-78</b> is suitable for all types of leather. It can be used 2-7 % depending on type of leather to be produced.
<b>Dysyntan PIS</b>	Synthetic	Pale cream	96 ± 2	5.5-7.5 /	<b>Dysyntan PIS</b> is free of free formaldehyde synthetic

<b>PIS</b>	condensation product	colored powder		Anionic	replacement tanning and retanning agent imparts a high degree of suppleness and in addition improves the tightness and fineness of the grain with mellow handle. The good dispersing effect of <b>Dysyтан PIS</b> results in a deeper and more uniform penetration of the chrome & vegetable tanning and retanning agents. It imparts good body, compact grain and very good fullness. <b>Dysyтан PIS</b> is designed to give mild filling and ensures smoothness and tightness of grain. When <b>Dysyтан PIS</b> is used in rechroming stage it imparts additional fullness, roundness, and body. <b>Dysyтан PIS</b> prevents sludge formation in vegetable tan liquor and makes color of the leather much lighter and cleaner. <b>Dysyтан PIS</b> is suitable for all types of full grain and corrected grain leather. <b>Dysyтан PIS</b> can be used 2-6 % depending on type of leather to be produced.
<b>Dysyтан PI</b>	Phenol condensation product	Pale colored powder	96 ± 2	3.0-5.5 / Anionic	<b>Dysyтан PI</b> is free of free formaldehyde synthetic replacement tanning and retanning agent imparts a high degree of suppleness and in addition improves the tightness and fineness of the grain with mellow handle. The good dispersing effect of <b>Dysyтан PI</b> results in a deeper and more uniform penetration of the chrome & vegetable tanning and retanning agents. It imparts good body, compact grain and very good fullness. <b>Dysyтан PI</b> is designed to give mild filling and ensures smoothness and tightness of grain. When used in rechroming stage it imparts additional fullness, roundness, and body. <b>Dysyтан PI</b> prevents sludge formation in vegetable tan liquor and makes color of the leather much lighter and cleaner. <b>Dysyтан PI</b> is suitable for all types of full grain and corrected grain leathers. <b>Dysyтан PI</b> can be used 2-6% depending on type of leather to be produced and result desired.
<b>Dysyтан PLE</b>	Polymer condensation product	Pale colored powder	96 ± 2	5.0-7.5 / Anionic	<b>Dysyтан PLE</b> is free of free formaldehyde synthetic replacement tanning and retanning agent for white and pastel shade leathers, it imparts a high degree of suppleness and in addition improves the tightness and fineness of the grain with mellow handle and good lightfastness. <b>Dysyтан PLE</b> imparts good body, compact grain and very good fullness. <b>Dysyтан PLE</b> is designed to give mild filling and ensures smoothness and tightness of grain. <b>Dysyтан PLE</b> prevents sludge formation in vegetable tan liquor and makes color of the leather much lighter and cleaner. <b>Dysyтан PLE</b> is suitable for all types of full grain and corrected grain chrome tanned and vegetable tanned leathers. <b>Dysyтан PLE</b> can be used 2-8% depending on type of leather to be produced and result desired.
<b>Dysyтан PS-99</b>	Synthetic pretanning agent	Yellow Brown powder	93 ± 2	4.5-6.5 / Anionic	<b>Dysyтан PS-99</b> is pretanning product imparts excellent penetration fullness, roundness, filling, uniform and leveled color with fine grain. It helps in improving cutting area yield of leather. <b>Dysyтан PS-99</b> is particularly suitable for use as pretanning syтан for vegetable tanned leathers and retanning of wet blues to obtain fuller, fine and closed grain with excellent reactivity. <b>Dysyтан PS-99</b> can be used with advantage as a pretanning agent for leathers to be vegetable tanned; <b>Dysyтан PS-99</b> accelerates the uptake of tannins. In Vegetable tanned leathers, <b>Dysyтан PS-99</b> helps to impart bright color to the leather. <b>Dysyтан PS-99</b> can

					easily replace 25 to 30% vegetable tannins with advantage. Suitable for all types of leather. <b>Dysyntan PS-99</b> can be used 2 to 11 % depending on type of leather produced and result desired.
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## Resin and Filling Syntan

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
<b>Dysyntan RS-77W</b>	Condensation product based on Polymer like dicyanadi-amide	Pale Yellow powder	96 ± 2	8.0-10 / Anionic	<b>Dysyntan RS-77W</b> is free of free formaldehyde resin syntan for white and pastel shade leathers, it imparts selective filling and fills the loosely structured parts of the leather. Gives good grain tightness and fullness to the leathers. Leathers treated with <b>Dysyntan RS-77W</b> have good leveled dyeing, better buffing and finishing. <b>Dysyntan RS-77W</b> produces well filled leather especially in looser areas of the skin i.e. belly and flanks. <b>Dysyntan RS-77W</b> produces fuller leather with fine tight flexible grain retaining chrome leather characteristics. Suitable for all types of full grain and corrected grain leather, chrome tanned and vegetable tanned leathers. It increases cutting yield of leather. <b>Dysyntan RS-77W</b> can be used 2 to 8 % depending on type of leather produced and result desired.
<b>Dysyntan RS-77</b>	Condensation product based on resin like dicyanadi-amide	Pale brown powder	96 ± 2	8.0-10 / Anionic	<b>Dysyntan RS-77</b> is free of free formaldehyde resin syntan imparts selective filling and fills the loosely structured parts of the leather. Gives good grain tightness and fullness to the leathers. Leathers treated with <b>Dysyntan RS-77</b> have good leveled dyeing, better buffing and finishing. <b>Dysyntan RS-77</b> produces well filled leather especially in looser areas of the skin i.e. belly and flanks. <b>Dysyntan RS-77</b> produces fuller leather with fine tight flexible grain retaining chrome leather characteristics. Suitable for all types of full grain and corrected grain leather, chrome tanned and vegetable tanned leathers. It increases cutting yield of leather. <b>Dysyntan RS-77</b> can be used 2 to 6 % depending on type of leather produced and result desired.
<b>Dysyntan DFS-35</b>	Condensation product based on resin like dicyanadi-amide	Pale brown powder	96 ± 2	8.0-10 / Anionic	<b>Dysyntan DFS-35</b> is free of free formaldehyde resin syntan imparts selective filling and fills the loosely structured parts of the leather. Gives good grain tightness and fullness to the leathers. Leathers treated with <b>Dysyntan DFS-35</b> have good leveled dyeing, better buffing and finishing. <b>Dysyntan DFS-35</b> produces well filled leather especially in looser areas of the skin i.e. belly and flanks. <b>Dysyntan DFS-35</b> produces fuller leather with fine tight flexible grain retaining chrome leather characteristics. Suitable for all types of full grain and corrected grain leather, chrome tanned and vegetable tanned leathers. It increases cutting yield of leather. <b>Dysyntan DFS-35</b> can be used 2 to 6 % depending on type of leather produced and result desired.
<b>Dysyntan FS-66</b>	Retanning agent based on resin like melamine	Pale brown powder	95 ± 2	5.5-7.5 / Anionic	<b>Dysyntan FS-66</b> is free of free formaldehyde resin syntan imparts 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. <b>Dysyntan FS-66</b> 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. <b>Dysyтан FS-66</b> can also be used for the production of C.G. leather, nubuck, suedes, nappa, garment etc where softness, with grain tightness and filling is desired. It increases cutting yield of leather. <b>Dysyтан FS-66</b> promotes level dyeing and good buffing. It can be used 2 to 7% depending on type of leather to be produced.
<b>Dysyтан RS-55</b>	Condensation product based on resin like dicyanadi-amide	Pale brown powder	96 ± 2	8.0-9.5 / Anionic	<b>Dysyтан RS-55</b> is free of free formaldehyde product imparts selective filling in the loosely structured parts of the leather mainly bellies and neck portion. Gives good grain tightness and fullness to the leathers. Leathers treated with <b>Dysyтан RS-55</b> have good leveled dyeing, better buffing and finishing. <b>Dysyтан RS-55</b> produces well filled leather especially in looser areas of the skin i.e. belly and flanks. <b>Dysyтан RS-55</b> produces fuller leather with fine tight flexible grain retaining chrome leather characteristics. Suitable for all types of full grain and corrected grain leather, chrome tanned and vegetable tanned leathers. It increases cutting yield of leather. <b>Dysyтан RS-55</b> can be used 2 to 6 % depending on type of leather produced and result desired.
<b>Dysyтан NS-85</b>	Based on nitrogen containing resin filling product	Pale brown powder	95 ± 2	5.0-7.0 / Anionic	<b>Dysyтан NS-85</b> is free of free formaldehyde product, it imparts 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. <b>Dysyтан NS-85</b> 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 increases cutting yield of leather. <b>Dysyтан NS-85</b> can also be used for the production of C.G. leather, nubuck, suedes, nappa, garment etc where softness, with grain tightness and filling is desired. It promotes level dyeing and good buffing. It can be used 2 to 8%.
<b>Dysyтан RS-12</b>	Condensation product based on Resins & Polymers	Pale Yellow powder	96 ± 2	7.0-9.0 / Anionic	<b>Dysyтан RS-12</b> is free of free formaldehyde product imparts selective filling in the loosely structured parts of the leather mainly bellies and neck portion. Gives good grain tightness and fullness to the leathers. Leathers treated with <b>Dysyтан RS-12</b> have good leveled dyeing, better buffing and finishing. <b>Dysyтан RS-12</b> produces well filled leather especially in looser areas of the skin i.e. belly and flanks. <b>Dysyтан RS-12</b> produces fuller leather with fine tight flexible grain retaining leather characteristics. Suitable for all types of full grain and corrected grain leather, chrome tanned and vegetable tanned leathers. It increases cutting yield of leather. <b>Dysyтан RS-12</b> can be used 2 to 6 % depending on type of leather produced and result desired.

## Compact Syntan For Furniture Upholstery

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
<b>Dysyntan CS-FU</b>	Synthetic and Polymer Base	Pale Brown powder	95 ± 2	5.5-7.5 / Anionic	<p><b>Dysyntan CS-FU</b> is free of free formaldehyde synthetic &amp; polymer syntan imparts good filling to the looser areas resulting fuller and fine tight grain with soft handle. It also gives good dyeing properties and improves buffing property.</p> <p><b>Dysyntan CS-FU</b> is fixed under acid condition and has selected filling action, which improves the more open structured areas of leather. <b>Dysyntan CS-FU</b> helps in producing leather with superior embossing, print retention and milling properties, The leather retanned with <b>Dysyntan CS-FU</b> results in the leather with fullness, tight flexible grain and uniform softness making it a very suitable retanning material for the production of upholstery leather. <b>Dysyntan CS-FU</b> can also be used for the production of C.G. or full grain upholstery leather, where softness and filling is desired. It increases cutting yield of leather. <b>Dysyntan CS-FU</b> promotes level dyeing and good buffing. It can be used 5 to 10% depending on type of leather to be produced.</p>

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