



**for leather,
for you**

LOW BISPHENOL

Retanning agents range

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Retanning agents range

As of January 2023, BPS and BPF are listed in the 'Bisphenols Substance of Concern' of ECHA's 'Substances of Very High Concern' (SVHC) register. Ongoing regulatory developments bring clear consequences for the leather sector. Indeed, the pressing demands for stricter limits on bisphenol content, both in articles and in chemical auxiliaries, could lead to stricter labelling requirements and product restrictions in the near future.

*As one of the major players in the leather chemicals sector, GSC Group feels called upon to address the issue and propose environmentally friendly alternatives that pose no potential risk to human health. Our new range of low bisphenol retanning agents guarantee **the same high performance, whilst adding a variety of desirable properties into the leather.** These products are highly adaptable, suiting a wide variety of articles.*

Product

G-TAN DBF POLV / G-TAN DBF LIQ

- replacement syntan
- good filling effect
- recommended for white leather production
- high tanning power

G-TAN FBF POLV / G-TAN FBF LIQ

- auxiliary syntan
- provides good softness
- provides good fullness

G-TAN AL NBF

- synthetic-natural compound
- excellent filling power
- gives the leather a firm, fine grain
- excellent embossing retention

G-TAN AMW BF

- synthetic compound of retanning and filling agents
- excellent filling power
- gives the leather a fine, firm grain
- good embossing retention
- excellent fullness

G-PLAST FM BF

- resin with low formaldehyde content
- high filling power towards more open fibre areas

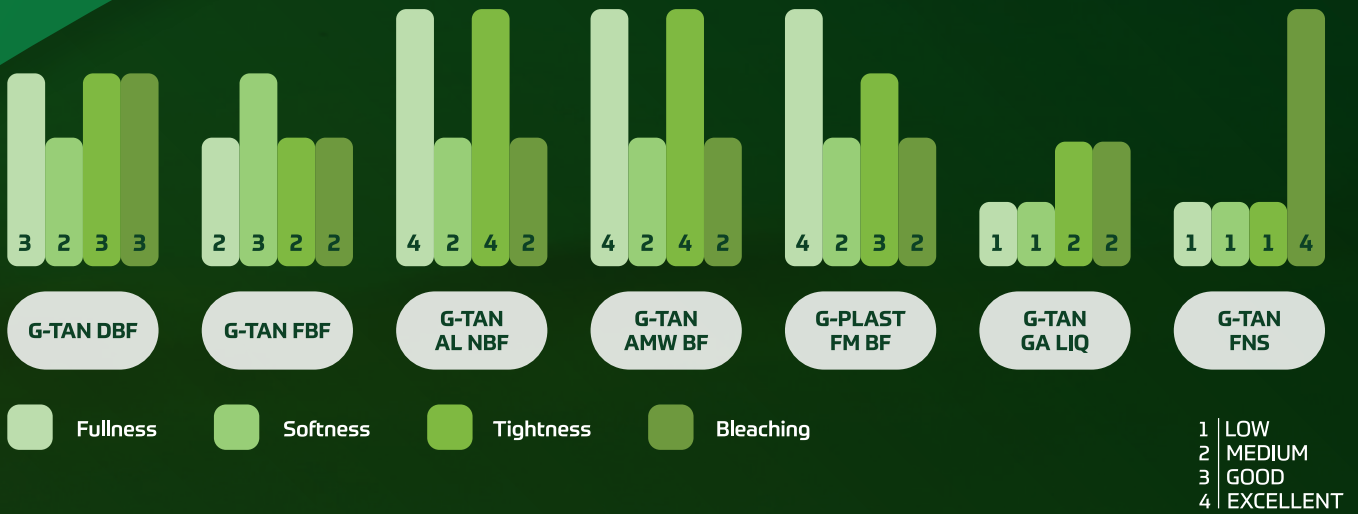
G-TAN GA LIQ

- neutralising agent
- good light fastness

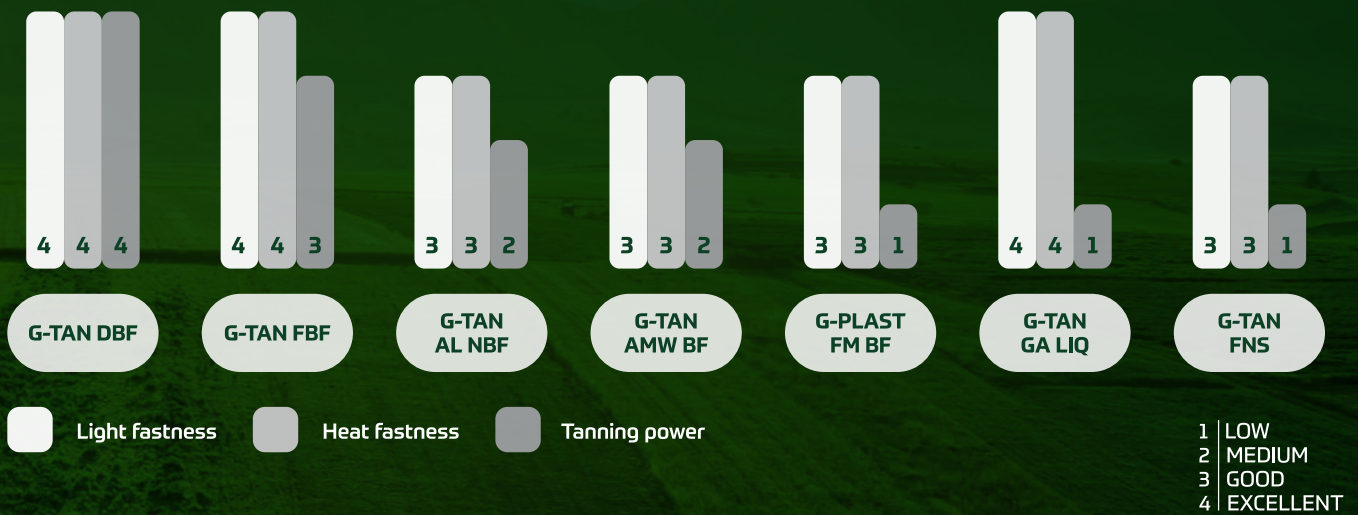
G-TAN FNS

- dispersing agent
- good light fastness

Performance



Properties



Chemical characteristics

Product	pH (10%)	Solid content (%)	Biobased content according to EN 16785-2 (%)	Sum of bisphenols (ppm)
G-TAN DBF POLV	4,0	100,0	0,0	500
G-TAN DBF LIQ	4,0	40,0	0,0	250
G-TAN FBF POLV	4,0	100,0	0,0	600
G-TAN FBF LIQ	3,0	42,0	0,0	450
G-TAN AL NBF	3,5	100,0	73,0	500
G-TAN AMW BF	4,0	100,0	29,1	300
G-PLAST FM BF	5,0	100,0	57,0	250
G-TAN GA LIQ	5,5	25,0	0,0	350
G-TAN FNS	8,0	100,0	47,0	100

GSC Group S.p.A. for leather, for you

“Professionalism, Courage, and Passion” are the distinctive elements that best represent GSC Group, a leading Italian company in chemical products for the tanning sector, that has been successfully operating nationally and internationally for over 40 years.

In recent years, pursuing a corporate policy of growth and investments, the Group has achieved an annual production of about 40.000 tons of liquids, powders, and pigments with a network of agents and distributors in over 50 countries. GSC has continued to grow thanks to the contribution of a staff of about 200 professionals, including technicians for all types of support and assistance, and highly qualified researchers. Our products across all sectors (Automotive, Upholstery, Footwear, Leather Goods and Garments) are the result of a constant search for new technical solutions with high added value for our customers. We design our products by capturing changes in the ever evolving and complex economic and social context.

The company has been committed to sustainability for years. The well-being of people and the protection of the environment are our priorities, and they extend to our production processes, final products, and shipping. GSC Group has made the green philosophy its own. Our current certifications include ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018. In 2020 the company also obtained the GHG (greenhouse gas) certification for reduced environmental impact and the calculation of our Carbon Footprint according to the ISO 14064-1 standard. This made us the first in the leather chemical industry to be part of the Carbon Footprint Italy register. The goal of sustainable development will continue to be a cornerstone of our company for years to come and we invite you to consult our annual Sustainability Report for more info.



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Respecting nature today means living better tomorrow. The protection and safeguarding of the environment represent many efforts that is necessary to follow in order to save our future. It is a commitment very important to each of us, and we pursue it with pride and effectiveness. For this reason we chose to print our brochures with **FSC (Forest Stewardship Council®) certified paper**, i.e. coming only from sustainably managed forests and responsible sources.



Verification Statement IT301513-2 dated
06.12.22 concerning the GHG inventory
issued by Bureau Veritas
for the calendar year 2021