

BEAUTIFIL II LS

Low shrinkage – high polishability



PRG
Technology
Giomer



Maximum aesthetics

Superior durability and aesthetics, combined with low polymerisation shrinkage and stress: BEAUTIFIL II LS (Low Shrinkage), the paste-like composite system which has been developed based on the proven BEAUTIFIL II, ensures the dentists minimum shrinkage and maximum aesthetics.

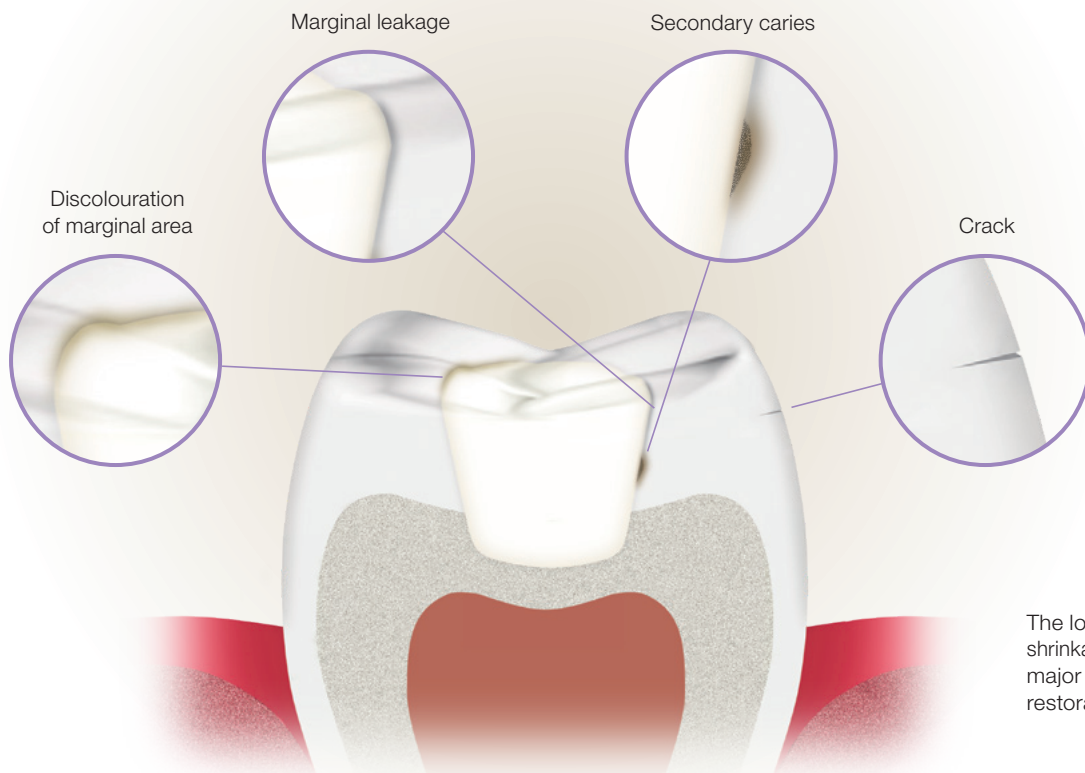
The most remarkable feature of this light-cured universal composite for anterior and posterior restorations is its unique shrinkage of 0.94 percent by volume! BEAUTIFIL II LS features excellent polishability and optimally matches natural tooth shades.



Great results with little time and effort

Thanks to the stackable and non-sticky consistency, BEAUTIFIL II LS can easily and quickly be sculpted and adapted to the tooth structure.

BEAUTIFIL II LS allows dentists to achieve superior restorations with long-lasting beauty and functionality. It comes in user-friendly syringes with convenient "one-touch caps" or in tips.



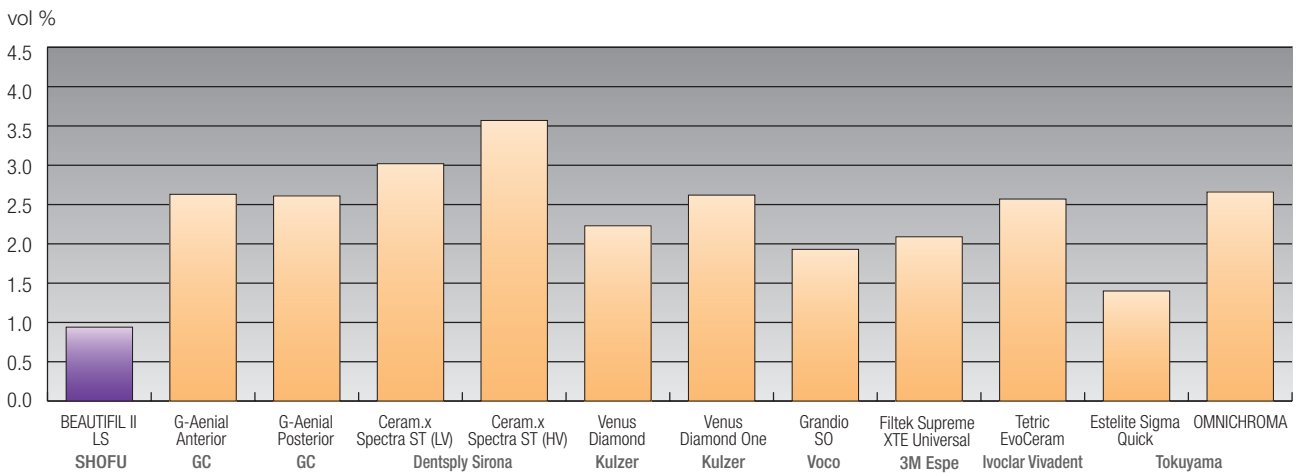
The low polymerisation shrinkage helps to avoid major difficulties in restorative therapy.

Minimum shrinkage and shrinkage stress

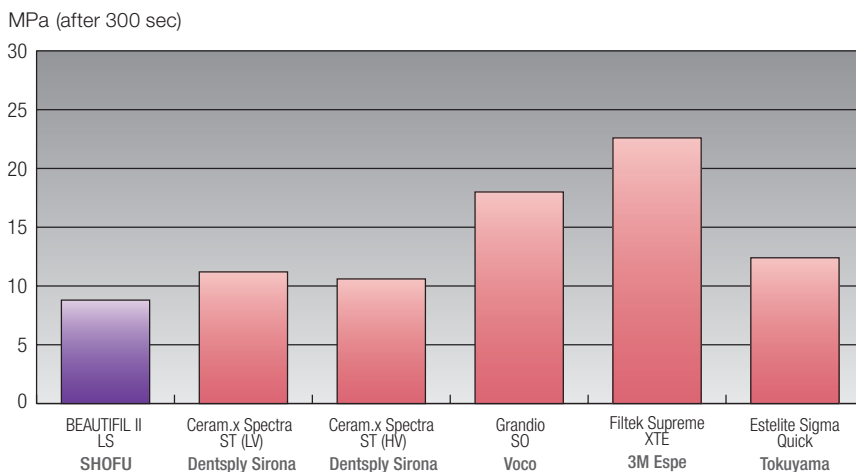
Polymerisation shrinkage is a key parameter for the success or failure of direct composite restorations. Modern, low-shrinkage composites like BEAUTIFIL II LS help to prevent microleakage and marginal discolouration. When used in combination with reliable bonding systems, they enable dentists to create truly durable and aesthetic restorations.

Polymerisation shrinkage* tested to ISO 17304:2013

This diagram shows the polymerisation shrinkage of BEAUTIFIL II LS in comparison with competitive products: BEAUTIFIL II LS achieves a value of only 0.94 % by vol., the lowest volumetric shrinkage of all composites tested.



Shrinkage stress*

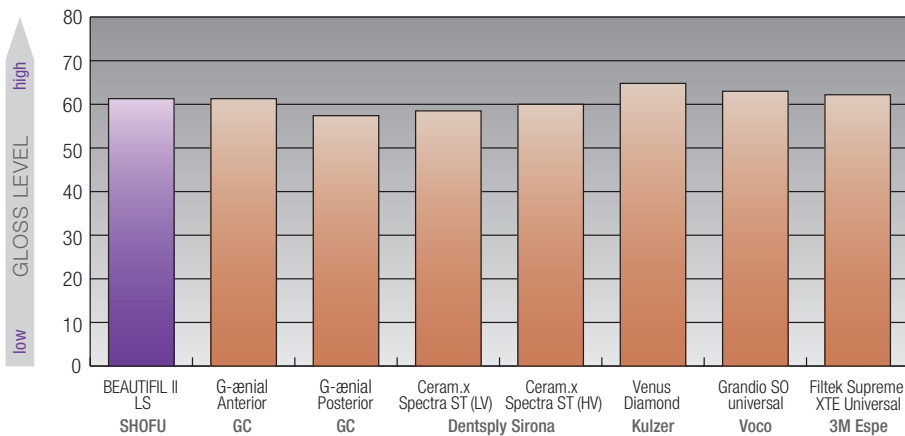


The shrinkage stress of BEAUTIFIL II LS shows one of the lowest values (8.8 MPa) compared to the other materials tested.

Natural light reflection and gloss retention

This radiopaque universal composite greatly enhances aesthetics: The use of multifunctional glass fillers and prepolymerised composite fillers provides high abrasion resistance, antagonist-friendly surface hardness and optimal compressive strength. Besides, it leads to natural light reflection, which facilitates the reproduction of natural tooth structure and creates a well-balanced chameleon effect in both dentine and enamel. Thanks to this special filler structure, restorations can quickly be polished to a high gloss.

Gloss (30 sec) *



BEAUTIFIL II LS restorations can quickly be polished to a high gloss – for very smooth surfaces with minimal plaque retention sites and a long-lasting lustre.

Restoration with BEAUTIFIL II LS



Situation after removal of amalgam fillings

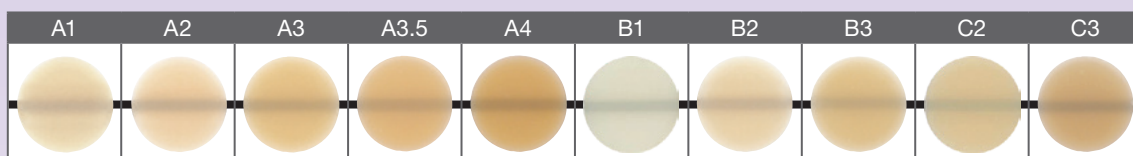


Final composite restoration

Photos: Prof Dr med. dent., M.Sc., M.Sc. Sven Rinke, Germany

Shade range

The BEAUTIFIL II LS composite system consists of ten popular tooth shades, two opaque dentine shades, one enamel shade and one bleach shade. It enables users to meet various aesthetic requirements in both multi-layer and single-layer techniques. The shade range is identical with that of BEAUTIFIL II and features excellent colour stability.

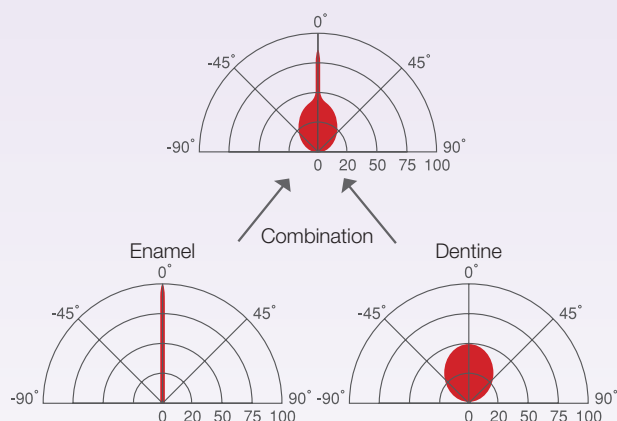


The shades A1-C3 correspond to the VITA Classical Shades. VITA is a registered trademark of VITA Zahnfabrik, Bad Säckingen, Germany.



Optical characteristics

BEAUTIFIL II LS mimics the light transmission and diffusion effects of enamel and dentine thanks to its unique filler technology. This adaptation allows dentists to create restorations with the optical characteristics of natural teeth.



Source: Internal test method, SHOFU Inc., Japan

highlights

Low polymerisation shrinkage (0.94 %) and shrinkage stress

Excellent polishability and long-lasting gloss

High abrasion resistance and antagonist-friendly surface hardness

Natural light transmission and diffusion

Fluoride release and recharge

Shade range identical with BEAUTIFIL II

Physical properties

Filler loading (wt% / vol.%)	Compressive strength (MPa)	Flexural strength (MPa)	Flexural modulus (GPa)	Vickers hardness (HV)	Toothbrush wear (wt%)	Radiopacity (AI:mm)
82.9 / 70.1	372.6	114.8	7.6	42.1	1.08	2.4

Source: Internal test method, SHOFU Inc., Japan
Flexural strength and radiopacity tested to ISO 4049:2019 / Compressive strength referred to ISO 9917-1:2007

Order information

Shade	REF	
	Syringes	Tips
A1	YE2270	YE2284
A2	YE2271	YE2285
A3	YE2272	YE2286
A3.5	YE2273	YE2287
A4	YE2274	YE2288
B1	YE2275	YE2289
B2	YE2276	YE2290
B3	YE2277	YE2291
C2	YE2278	YE2292
C3	YE2279	YE2293
A2O (opaque A2)	YE2280	YE2294
A3O (opaque A3)	YE2281	YE2295
Inc (Incisal)	YE2282	YE2296
BW (Bleaching White)	YE2283	YE2297

BEAUTIFIL II LS

Syringes 4 g each /
Tips 20 pcs, 0.25 g each



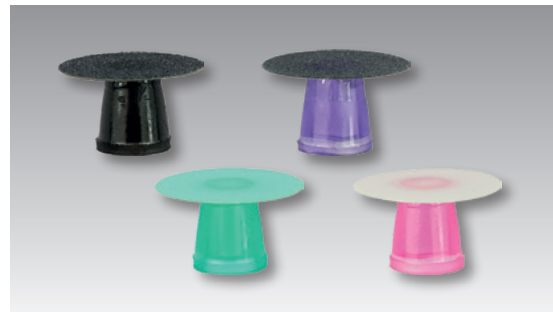
Related products



BeautiBond Xtreme Set

Universal all-in-one adhesive

REF YE2448



Super-Snap coated disks

Used for polishing microfilled and hybrid composites, available in different grits, in standard (ø 12 mm) and mini size (ø 8 mm), 50 pieces per pack

REF L501-L502, L506-L509, L519, L521-L522, L528



OneGloss Set

This instrument set allows you to finish and polish composite restorations in one step.

REF 0180



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