



A Nano-Superfilled Hybrid Composite

Clearfil Majesty™ Posterior

The Kuraray Labs listened to YOU!

Using cutting-edge technology, their scientists successfully created a breakthrough posterior composite that has all the qualities you want. You and your patients will smile.

Clearfil Majesty Posterior is a fusion of technology, beauty, and usability resulting in the lowest shrinkage in the industry, superior strength through a 92wt% filler loading, versatile color shading with excellent translucence, and a product consistency that is easy to shape without being sticky.

This remarkable composite formula is the newest innovation from the makers of award-winning SE Bond, S3 Bond, and Panavia, completing an easy-to-use system of adhesives and composites.

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Clearfil Majesty™ Posterior composite is a fabulous fusion of the product qualities you want: Technology, Beauty, and Usability.

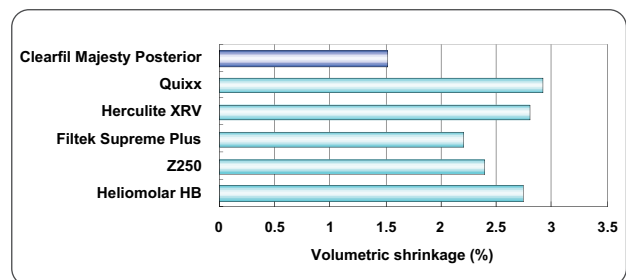
Years of development in the Kuraray labs have resulted in this truly remarkable, easy-to-use product. Kuraray's breakthrough research has successfully solved tooth restoration problems for both dentists and patients.

Clearfil Majesty Posterior provides the most reliable and effective direct restoration available to dentists today. It delivers total composite satisfaction to you and your patients.



Lowest Polymerization Shrinkage for Long-Term Reliability.

In the past, shrinkage has been a problem with composites. Clearfil Majesty Posterior has solved that problem with the lowest polymerization shrinkage available. After the restoration is complete, neither you nor your patient will have to worry about unexpected changes. Restorations made from Clearfil Majesty Posterior will not pull away from the margins, and they have a significantly reduced risk of micro-leakage. The restorations will retain their size, shape, and durability, almost exactly like natural teeth, with a dramatically reduced possibility for marginal staining. The chart below shows that Clearfil Majesty Posterior has lower polymerization shrinkage than competition.



Easy Color-Shade Matching and the Translucency of Natural Teeth for Patient Satisfaction.

Clearfil Majesty Posterior provides a versatile, accurate shade matching, every time. Because of the high filler content along with easy-to-match shades, the restorations will retain color better over time than other composite products. Your patients will be happy to know that Clearfil Majesty Posterior can replicate the brightness and translucency of their natural teeth. Majesty Posterior has a unique translucency in its enamel shades. And its simplified shade system will meet your every need.



Highest Filler-Loading for Maximum Strength.

Kuraray scientists achieved the strength and hardness you want, similar to porcelain but without the potential for damage to opposing teeth. Clearfil Majesty Posterior boasts a 92wt% fill-loading which is the highest in the industry. The proprietary new particle surface technology permits a larger quantity of tiny nanofiller particles to be dispersed in the resin matrix, and it coats each particle with a proprietary adhesive. This light-cure, nano-superfilled, radiopaque restorative composite resin combined with a 92wt% filler loading assures a state-of-the-art posterior restoration with optimal marginal adaptation for a restoration that will be superior in strength and durability. For example, the surface hardness is closest to that of human enamel among competitors. As seen in the charts to the right, Clearfil Majesty Posterior beats the competition in Vickers Hardness, in Compressive Strength, and in Flexural Strength.



Flexible, Adaptable Composite Consistency for Easy Handling.

In spite of the extremely high filler loading in Clearfil Majesty Posterior, its handling consistency makes it easy to shape and sculpt. High delivery pressure is not required to place this composite. The composite does not stick to your instruments, yet it has sufficient body to restore even a tiny cavity completely. As a result, you can create a state-of-the-art restoration quickly and easily.

Provides Superior Functionality in a Variety of Applications.

The advanced technology of Clearfil Majesty Posterior allows you to use it with ease and confidence in several applications:

- Direct restorations for anterior and posterior teeth (Class I-V cavities).
- Correction of tooth position and tooth shape, such as with a diastema closure and with dwarfed teeth.
- Intraoral repairs of fractured crowns and bridges.

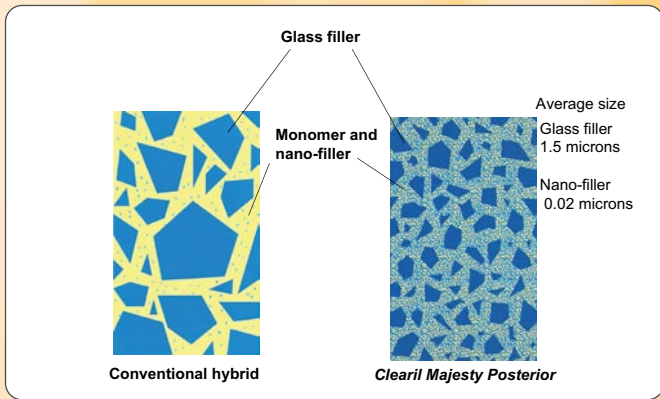
Both you and your patients will be happy that Clearfil Majesty Posterior:

- Offers higher bond strength for even large restorations.
- Eliminates allergy and esthetic problems sometimes experienced with Amalgams.
- Minimizes discoloration, shrinkage, and water absorption significantly.



Physical Properties and Proof Of Performance

The new, breakthrough line of Majesty Composites has been rigorously tested and evaluated. The following charts and tables provide proof of the functional advantages of Clearfil Majesty Posterior.



Picture 1: Illustrates the superior fill rate of Clearfil Majesty Posterior.

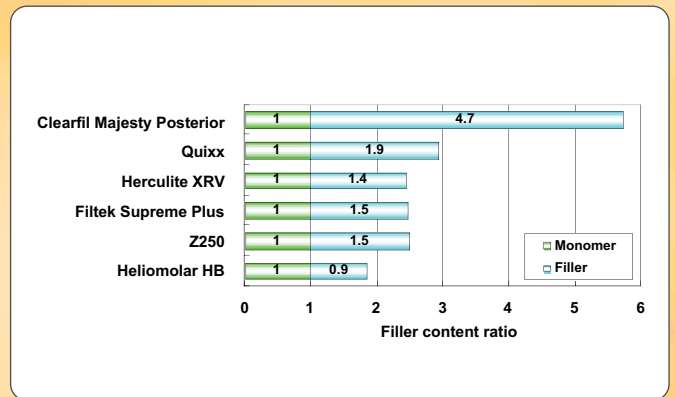


Chart 1: Filler Content Ratio (Monomer : Filler = 1 : X, Volume). Clearfil Majesty Posterior has a significantly higher filler loading than leading composites.

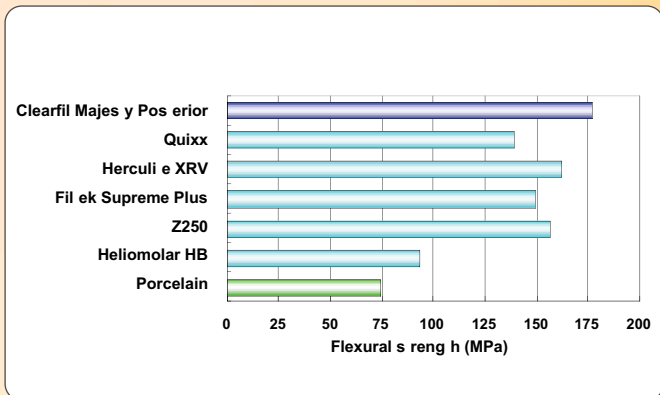


Chart 2: Flexural Strength. Flexural strength is one of the most important measures of a composite's strength. This chart illustrates the strength of Clearfil Majesty Posterior - with superior flexural strength properties compared to leading competitors.

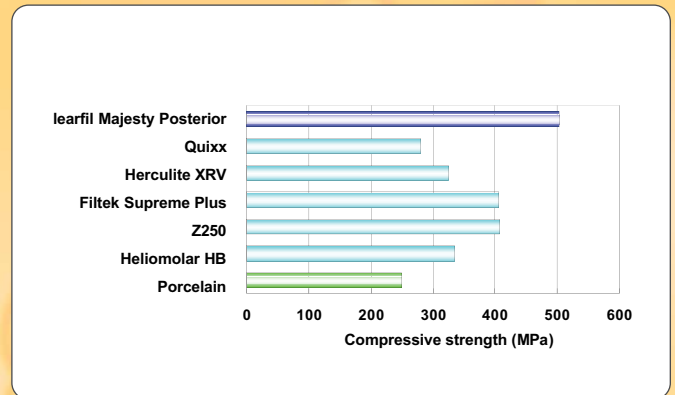


Chart 3: Compressive Strength. Compressive strength is an important measure of a composite's strength. This illustrates the strength of Clearfil Majesty Posterior - with superior compressive strength properties compared to competitors and porcelain.

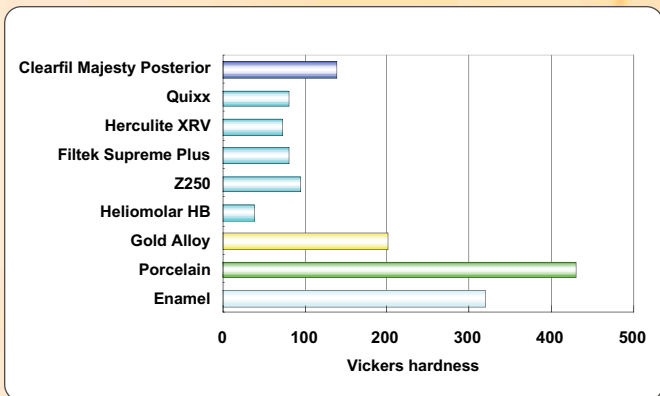


Chart 4: Surface Hardness. This chart illustrates that Clearfil Majesty Posterior has higher Vickers hardness than other leading composites. High Vickers hardness helps to counteract mastication forces.

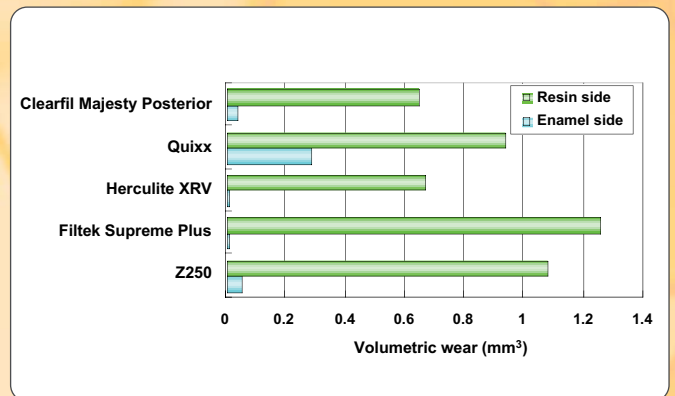


Chart 5: Wear Resistance. The Leinfelder Wear Test measures a composite's ability to resist long-term wear. Clearfil Majesty Posterior has a much higher wear resistance than leading competitors.

Meet the Newest Innovations in Dental Composites

Clearfil Majesty Posterior, Esthetic, and Flow are part of the Majesty family. The only name you need to know in composites is Clearfil Majesty. These composites will meet all your composite needs because of their breakthrough technology, broad range of natural, translucent colors, and ease of use.

Clearfil Majesty Posterior is a light-cure, nano-superfilled, radiopaque restorative composite resin that uses a new, proprietary surface coating technology that allows the dispersion of a larger quantity of nanofiller in the resin matrix. It has the highest (92wt%) filler loading in the industry, extremely low shrinkage, high durability, and easy-to-use consistency, creating a truly reliable, natural-looking, posterior direct restoration every time.



Clearfil Majesty Flow is a light-cure, superfilled, radiopaque restorative composite resin that has excellent consistency and strength, very low shrinkage, an extremely high filler loading (81wt%), and an easy, smooth-flow, bubble-free syringe dispenser.

Clearfil Majesty Esthetic is a light-cure, radiopaque restorative composite resin that contains a proprietary nano-filled composite filler and a high refractive matrix. The high refractive matrix exhibits a light diffusion property that creates the translucency light transmission of natural teeth. Clearfil Majesty Esthetic achieves a high polish and is easy to shape and handle with a time-saving mono-layering technique.

Kuraray – Then and Now

In 1926 Kuraray Co., Ltd. started the industrial production of viscose rayon in Kurashiki City, Japan. Through intensive research and development, the company gained extensive technological expertise in chemical engineering and polymer and synthetic chemistry. Kuraray entered the dental materials field in 1973, using its wealth of resources to respond to the needs of the dental profession with reliable products of superior quality.

In 1978, Kuraray released the world's first dentin bonding agent, CLEARFIL BOND SYSTEM F, which marked the birth of adhesive dentistry. At the same time, the total-etch technique on dentin and enamel was invented by Kuraray. With epoch-making products such as PANAVIA F 2.0, SE BOND and PHOTO CORE, Kuraray proved its ability to turn leading-edge research into real world solutions. Reality, Dental Advisor and Independent Research Associates have all rated SE Bond and Panavia as excellent (4 - 5 star) and best-in-class products. Through valuable dialogue with customers, extensive research and development, and education, Kuraray will continue to be a reliable, solutions-driven partner to the dental profession.



Clearfil Majesty Posterior Products

Item Number	Product Name	Contents
#2580KA	A1	Syringes 1 Syringe For Each Shade 2.0 ml (4.9 g)
#2581KA	A2	
#2582KA	A3	
#2586KA	B2	
#2593KA	E2	
#2594KA	E3	
#2691KA	A1	Tips (PLT) 20 Tips For Each Shade 0.36 g
#2692KA	A2	
#2693KA	A3	
#2695KA	B2	
#2700KA	E2	
#2701KA	E3	
#2152KA	Shade Guide	1

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