**PHYSICAL PROPERTIES**

- **Flexural Strength:** 191MPa
- **Depth of Wear:** 25.8µm
- **Surface roughness after toothbrush wear:** 0.18µm
- **Vickers Hardness:** 66Hv0.2
- **Gloss Value after polishing test:** 75%
- **Contrast Ratio:** 0.60 (A3-LT)
- **Opal Index:** 10.1 (A3-LT)
- **Stain Resistance (rhodamin 1 day):** 8.1
- **Fluorescence:** Yes

**OUTSTANDING WEAR RESISTANCE**

The most important benefits of CAD/CAM restoratives include their special surface structure and gloss retention.

Shofu hybrid ceramic material achieved the lowest surface roughness values in its class of materials.

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Food and drinks discolor both natural teeth and restorative materials. Shofu Block & Disk HC has proven to show high resistance to staining and maintains the original shade and gloss over time.

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Enamel-like light transmission makes this optimally balanced hybrid ceramic ideal for the production of highly aesthetic anterior restorations. Thanks to its excellent physical properties, it can also be used to create durable posterior restorations, absorbing occlusal stress and providing high edge stability.

With superior flexural strength and low flexural modulus, the material has excellent capability to diffuse stress, making it an ideal alternative to ceramic or zirconia restorations.

Shofu Block & Disk HC is milled quickly and precisely and polished to a high gloss in a very short time, and the restoration can be cemented in place immediately.

The optical properties of Shofu Blocks & Disks HC have the translucency and light diffusion of natural teeth and blends with the surrounding tissue with ease.

The proprietary microstructure of the material supports high wear resistance and superior gloss retention allowing for a broad range of indications.

Shofu CAD/CAM composites are manufactured in one- and two-layer blocks and disks. They are available in the most common tooth shades and two translucencies, based on the VITA* Classical shade system. Two enamel shades and one whitening shade complete the restorative concept.

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The Two-Layer Shofu Blocks HC efficiently create aesthetically pleasing anterior and posterior restorations. The layered blocks are modeled after the layering of natural teeth with a chromatic opaque dentin layer and a translucent layer of enamel. Effortlessly achieve consistent and accurate shade matching while reducing chairside time and treatment cost.

Shofu Blocks & Disks HC can be milled wet or dry in all standard milling units.

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Shofu’s Ceramage, a zirconium silicate micro ceramic, technology is based on decades of experience with porous ceramic fillers, ensuring exceptional natural light transmission as well as the benefits of durability, flexural strength and long-lasting aesthetics. The unique filler technology is based on decades of experience with Shofu’s Ceramage, a zirconium silicate micro ceramic, which provided the ability to develop Shofu HC Blocks & Disks.

This new, ceramic based CAD/CAM material is suitable for a wide range of indications from a highly aesthetic individual anterior restoration to a durable posterior restoration—including minimally invasive inlays, onlays, individual anterior restoration to a durable posterior for a wide range of indications from a highly aesthetic.

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Table: Shofu Blocks & Disks HC Two-Layer Ratio

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<thead>
<tr>
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<tr>
<td>HT</td>
<td>59</td>
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Veneers

Crowns

Inlays / Onlays

Shofu Blocks & Disks HC Two-Layer Ratio

Shofu Blocks & Disks HC can be milled wet or dry in all standard milling units.

The Two-Layer Shofu Blocks HC efficiently create aesthetically pleasing anterior and posterior restorations. The bilayered blocks are modeled after the layering of natural teeth with a chromatic opaque dentin layer and a translucent layer of enamel. Effortlessly achieve consistent and accurate shade matching while reducing chairside time and treatment cost.

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**SHOFU BLOCK & DISK**

**CAD/CAM CERAMIC-BASED RESTORATIVE**

Visit [www.shofu.com](http://www.shofu.com) or call 800.827.4638

**SHOFU BLOCK HC**

<table>
<thead>
<tr>
<th>SHADE</th>
<th>ONE-LAYER 5 PCS.</th>
<th>ONE-LAYER 10 PCS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2 HT</td>
<td>2180C</td>
<td>2180C</td>
</tr>
<tr>
<td>W2 LT</td>
<td>2157B</td>
<td>2157B</td>
</tr>
<tr>
<td>A1 LT</td>
<td>2181B</td>
<td>2181B</td>
</tr>
<tr>
<td>A2 LT</td>
<td>2182B</td>
<td>2182B</td>
</tr>
<tr>
<td>A3 LT</td>
<td>2183B</td>
<td>2183B</td>
</tr>
<tr>
<td>A3 SLT</td>
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<tr>
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<td>A1 HT</td>
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<td>2187B</td>
<td>2187B</td>
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<tr>
<td>A3 HT</td>
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<tr>
<td>S9 Enamel</td>
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<td>S9 Obsidian</td>
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<tr>
<td>OC</td>
<td>2172B</td>
<td>2172B</td>
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<tr>
<td>LT = Low Translucency</td>
<td>HT = High Translucency</td>
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</tbody>
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**SHOFU DISK HC**

<table>
<thead>
<tr>
<th>SHADE</th>
<th>BLOCK HC</th>
<th>DISK HC</th>
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</thead>
<tbody>
<tr>
<td>98mm x 14mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12mm x 14mm x 18mm</td>
<td></td>
<td></td>
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<td>98mm x 14mm</td>
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**SHADE PN**

- BLOCK HC
  - ONE-LAYER 5 PCS.
  - ONE-LAYER 10 PCS.
- DISK HC
  - ONE-LAYER 5 PCS.
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**SHOFU BLOCK & DISK**

- CAD/CAM CERAMIC-BASED RESTORATIVE
- SHOFU BLOCK HC
  - Block
  - Pin
  - B:\c:\n\c.jpg

- SHOFU DISK HC
  - ø98mm
  - ø94mm

- Light source Specimen
  - Diffused and transmitted light
  - Specular transmitted light

- Enamel model
  - Dentin model

- SHOFU BLOCK HC A3-LT
  - Light transmission and diffusion

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