SHOFU BLOCK & DISK

PHYSICAL PROPERTIES
Compressive Strength: 472MPa
Flexural Strength: 191MPa
Depth of Wear: 25.8µm
Surface roughness after toothbrush wear: 0.18µm
Vickers Hardness: 66Hv0.2
Gloss Value after polishing: 75%
Contrast Ratio: 0.60 (A3-LT)
Optical Index: 1.0 (A3-LT)
Stain Resistance (rhodamin 1 day ΔE): 8.1
Fluorescence: Yes

Visit www.shofu.com or call 800.827.4638

OUTSTANDING WEAR RESISTANCE
The most important benefits of CAD/CAM restoratives include low surface roughness and gloss retention.
Shofu hybrid ceramic material achieved the lowest surface roughness values in its class of materials.

EXCELLENT COLOR STABILITY
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.

REMARKABLE HIGH GLOSS FINISH
Shofu Block & Disk HC innovative microstructure creates a smooth and durable surface finish. A natural gloss can be achieved with a few intermediary steps.

COMPLEMENTARY PRODUCTS

MONOCEM, (2) 35g
Translucent 3208A
Bleach White 3209A
Dura-Polish, Polishing Paste, 20g
Dura-Polish DIA Polishing Paste, 5g
Cerabond, 3220
CeraDur, 5mL

SHADE PN
BLOCK HC
LT = Low Translucency
HT = High Translucency

W2-LT
A1-L
A2-L
A3-L
B3-L
A1-HT
A2-HT
A3-HT
59 (Incisal)
OC (Occlusal)
W2-LT
A1-L
A2-L
A3-L
B3-L
A1-HT
A2-HT
A3-HT
59 (Incisal)
OC (Occlusal)

SHADE PN
DISK HC
LT = Low Translucency
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A1-L
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For more information please visit our website:
www.shofu.com

Shofu Dental
PO Box 70077
San Diego, CA 92138-0077
Phone: 800.827.4638
Fax: 858.492.3582
www.shofu.com

Dura-Polish, Polishing Paste, 20g
Dura-Polish DIA Polishing Paste, 5g
Cerabond, 3220
CeraDur, 5mL
Created through a rigorous manufacturing process, Shofu Blocks & Disks HC demonstrate superior physical and optical attributes.

This innovative resin ceramic material, inclusive of ceramic fillers, ensures 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 anterior restorations—including minimally invasive inlays, onlays, individual anterior restorations to a durable posterior for a wide range of indications from a highly aesthetic anterior and posterior restorations—including minimally invasive inlays, onlays, individual anterior restorations to a durable posterior.

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

The proprietary microarchitect 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 translucencies, based on the VITA® Classical shade system. Two enamel shades and one whitening shade complete the restorative concept.

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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Dentition-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 lithium disilicate 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.

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PHYSICAL PROPERTIES
Compressive Strength: 472MPa
Flexural Strength: 191MPa
Depth of Wear: 2.8µm
Surface roughness after toothbrush wear: 0.18µm
Vickers Hardness: 60Hv0.2
Glass Value after polishing: 75%
Contrast Ratio: 0.60 (A3 LT)
Optical Index: 1.01 (A3 LT)
Stain Resistance (rhodamin 1 day AE): 8.1
Fluorescence: Yes

OUTSTANDING WEAR RESISTANCE
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EXCELLENT COLOR STABILITY
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Shofu Block & Disk HC proves to show high resistance to staining and maintains the original shade and gloss over time.

REMARKABLE HIGH GLOSS FINISH
Shofu Block & Disk HC innovative microstructure creates a smooth and durable surface finish. A natural gloss can be achieved with a few intermediary steps.

COMPLEMENTARY PRODUCTS
Dura-Polish Polishing Paste, 20g
Dura-Polish DIA Polishing Paste, 5g
MonoCem, (2) 3.5g
Bleach White 3208A
Ceraresin Bond 1741
ResiCem, (2) 5mL
SHOFU BLOCK & DISK
CAD/CAM CERAMIC-BASED RESTORATIVE
98mm x 14mm
10mm x 12mm x 16mm

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PHYSICAL PROPERTIES
Compressive Strength: 472MPa
Flexural Strength: 191MPa
Depth of Wear: 2.98µm
Vickers Hardness: 68HV0.2
Gloss Value after polishing: 75%
Contrast Ratio: 0.60 (A3-LT)
Opal Index: 10.1 (A3-LT)
Stain Resistance (rhodamin 1 day): 8.1
Fluorescence: Yes

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MonoCem, (2) 3.5g
Bleach White 3209A
Ceraresin Bond 1741
ResiCem, (2) 5mL
SN289-0417
Dura-Polish Polishing Paste, 5g
Dura-Polish DIA Polishing Paste, 20g
MonoCem, (2) 5mL
Bleach White 3209A
Ceraresin Bond 1741
ResiCem, (2) 3.5mL