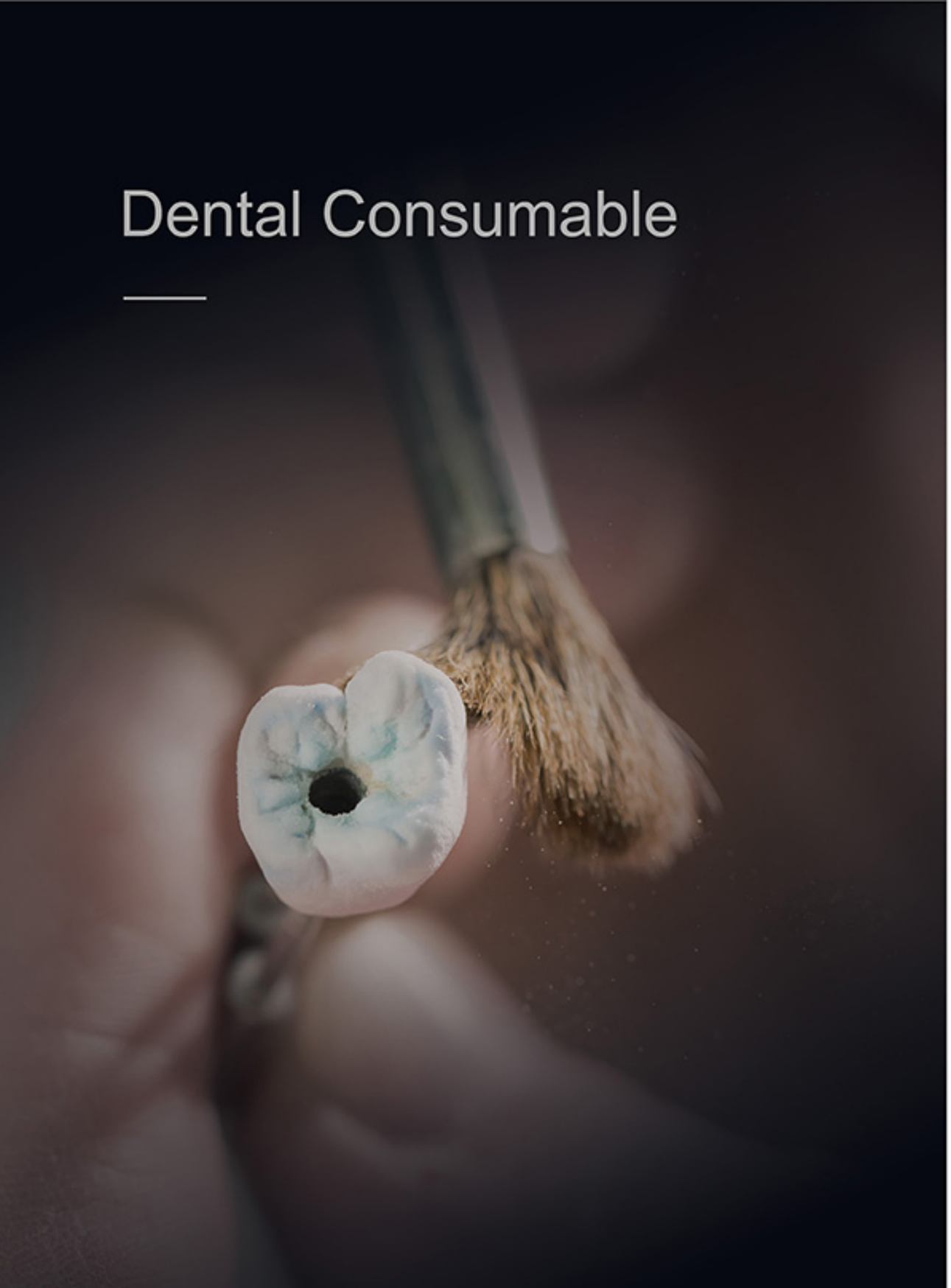

PMMA -Monolayer

Mono shade temporary restoration material

· Comfort and Durability ·

· Superior millability ·

Methyl methacrylate is the main raw material. It is mainly used to fabricate temporary restorations. Ownsmile PMMA material offers outstanding transparency, providing a more natural appearance for temporary restorations.

Application system

Shade

Parameters

Bending Strength	≥ 120MPa	**Vickers Hardness**	≥ 20HV0.2
Density	≥ 1.20g/cm³	**Water Absorption**	≤ 25μg/mm³
Solubility	≤ 5μg/mm³	**Monomer Residual Content**	≤ 0.5%

Indications

PMMA-Multilayer

Multi-layer temporary restoration material

· Natural color transition ·

· Excellent performance ·

Ownsmile PMMA Multilayer has a natural color transition, making it the preferred material for temporary restoration. The application of PMMA multi-layer restorative materials in dentistry provides patients with a natural-looking, personalized, stable and durable restoration option.

Application system

Shade

Parameters

Bending Strength	≥ 130MPa	Vickers Hardness	≥ 20HV0.2
Density	≥ 1.25g/cm³	Water Absorption	≤ 25μg/mm³
Solubility	≤ 5μg/mm³	Monomer Residual Content	≤ 0.5%

Indications

Dental wax block

- Excellent wax stability
- Smooth cutting surface
- Easy to process

Application system

Dental wax blocks are wax-pattern materials used to make cad/cam temporary or semi-permanent models，substructures and full contour patterns for casting and pressing.

Parameters

Hardness	45-55 Shore hardness	Melting Point	116℃
Density	0.89-0.93g/cm³	Sharpability	Excellent
Thermal Decompositions reside	< 0.30%	Linear Expansion	5%

Color: Green, Blue, Beige, Grey, Brown, White, Atrovirens, Pink

Indications

PEEK Disc

PEEK is a high-performance thermoplastic polymer with high strength-to weight ratio andcorrosion resistance that makes it suitable as a selectable material to replace metal. with itsideal combination of biocompatibility andmaximum loading capacity is the premium solution forthe biological balance of denture base and restorative material.

- Hybrid Abutments
- Occlusal Splints
- Retaining Elements
- Tertiary Constructions
- Crowns and Bridges
- Bite Splint
- Gingiva Formers
- Denture basos
- Frameworks for Clasp Dentures
- Telescopic Crowns
- Transversal Connectors
- Sublingual Clasp

Color

White Natural Beige Pink

PROPERTIES	VALUE
Tensile strength	98.00MPa
Elongation at break	45%
Cantilever impact	179KJ/M2
Bending strength	162MPa
Flexural Modulus	4GPa
Moisture Absorption	0.00WT%

Dental equipment is under development

STAY TUNED.....