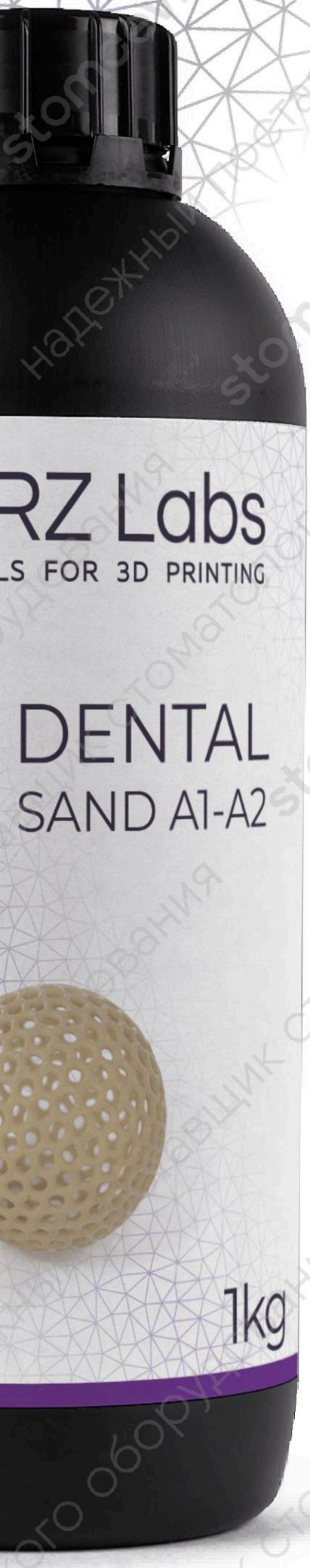
stomdevice



HARZ Labs
MATERIALS FOR 3D PRINTING

Dental

Sand A1-A2

Designed for dental demonstration models of crowns and bridges. Very tough, non-irritant, odorless resin with color A1-A2 according to Vita scale

Dental Sand A1-A2 resin is PMMA-like micro filled composite resin, made of biocompatible raw materials, with color close to A1-A2 according to Vita scale. It has high hardness 90 Shore D and high tensile strength, stable to mechanical stress and chemicals

Recommended for printing of temporary crowns and bridges. Low odor and absence of harmful monomers allows to print in the laboratory

Characteristics	Value
Appearance	Opaque liquid
Color	Beige
Odor	Odorless
Viscosity (Brookfield)	1,2-1,5 Pa*s
Tensile strength	60 N/mm^2
Elongation at break	3-4%
Hardness Shore D	90-92
Shrinkage	<0,5%

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

ADVANTAGES

Unique mechanical properties

Very high hardness, tensile strength, abrasion and scratch resistance due to ceramic fillers

Odorless

Resins are odorless and cause no irritation, so you can work with natural ventilation without special technique

Stable color

Depending on postcuring condition A1 or A2 color is achievable. It is stable for a long time even in aggressive media

Biocompatible

Produced from biocompatible raw material used in photopolymer teeth fillings. Meets the standard ISO 10993

Chemical resistance

Resin is stable to solvents, aggressive inorganic media like acids and alkalis

Durable

Pigments and fillers are well stabilized, no sedimentation and flocculation occur ang no foam appears

COMPITABLE PRINTERS

B9Creator, WANHAO, ASIGA, ANYCUBIC, PRUSA RESEARCH by JOSEF PRUSA

zortrax, MoonRAY, FLASHFORGE

