

AVK TEKNOLOGY
"BEYOND THE LINE"

RESIN & ENAMEL CATALOG · 2026

From print to casting, flawless resin.

Professional 3D printing resins for jewelry and dental — made in İstanbul, trusted in 8 countries.

Jewelry Casting Resin | Dental Resins | Enamel | DLP & LCD

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Bahçelievler · İstanbul · Türkiye



01 · JEWELRY

JEWELRY CASTING RESIN

AVK Cadmium Jewelry Casting Resin — for DLP and LCD printers. Every jewelry piece in this catalog is a real part printed with this resin.

01 **High print quality**
Fine wires, filigree patterns and small details come out crisp.

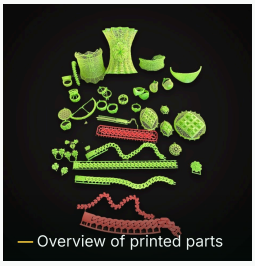
02 **Smooth surface**
Noticeably less sanding and polishing work.

03 **Trouble-free casting**
Clean burnout, residue-free molds, consistent results.

04 **Near-zero shrinkage**
Dimensions stay true to the design — ring sizes never drift.

05 **Stone-setting ready**
Slightly flexible structure; prongs and settings do not crack.

06 **Standard casting workflow**
Works with your usual investment and burnout schedules — casts just like wax.


— Overview of printed parts


— Hexagon and square mesh cuffs


— Mesh earring models

Workflow: Print → Wash & cure → Invest & burn out → Cast. Fully compatible with your usual casting process — casts just like wax. We provide free print parameter profiles for your printer.

02 · PRINT GALLERY

SAMPLES PRINTED WITH OUR RESIN


— Rose model — mesh texture


— Filigree flower model


— Dragon ring


— Clover earrings and pendants


— Mini pendants


— Mesh ring model


— Flower model — yellow resin


— Dragon model — yellow resin


— Clover ring — yellow resin



03 · DENTAL

DENTAL RESINS

The AVK resin family for dental applications — compatible with DLP and LCD printers.

Dental temporary resin
For temporary crowns and bridges · shades A1 and A2

Model resin
For working models · skin-tone and gray options

Splint resin
Clear night guards and splint applications

Long-term temp resin
Long-lasting temporary restorations

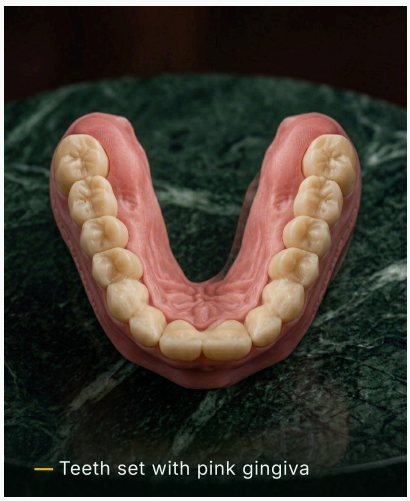

— Gray model print


— Gray model prints


— Clear splint prints


— Model and temporary teeth


— Clear splint prints


— Teeth set with pink gingiva

Digital workflow: Fully compatible with intraoral scanners and dental CAD software via standard STL files. We provide free parameter profiles and setup support for your printer.



04 · ENAMEL

ENAMELED JEWELRY PRODUCTION

Black · Red · Green · Turquoise · Light turquoise · Tiffany · White · And other colors

Colors are representative — contact us for samples.

EXAMPLE DESIGNS WITH MINE

DESIGNED WITH AVK MINE



— AVK Mine — 250 g jar



— Navy enamel ring with stones



— Green enamel hoop earrings



— Red enamel heart pendant

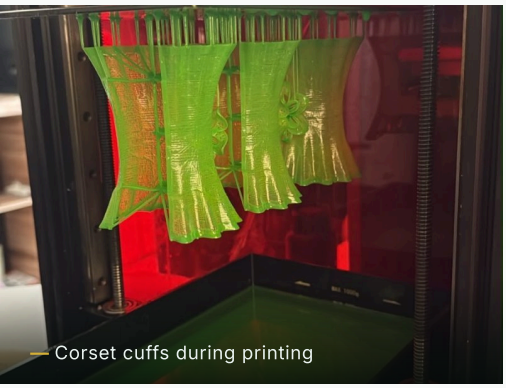


— Turquoise enamel chain bracelet

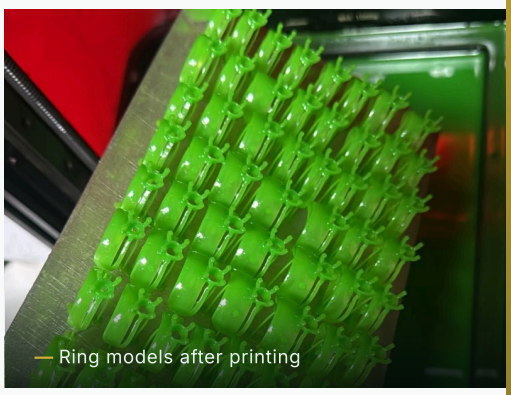
Custom colors: Beyond the standard palette we prepare custom colors for your collection on request. Contact us for a real sample set — delivered from our branches in 8 countries.

05 · PRODUCTION

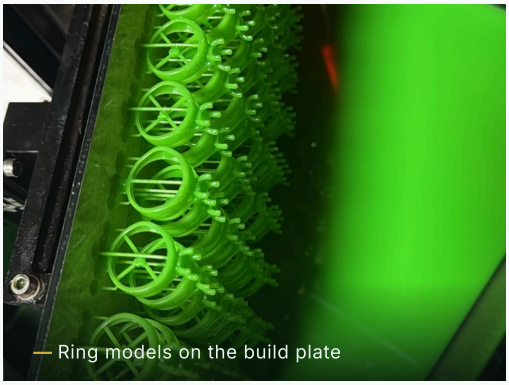
FRESH FROM THE BUILD PLATE


— Corset cuffs during printing


— Corset cuffs on the build plate


— Ring models after printing


— Mesh cuffs on the build plate


— Ring models on the build plate


— Finished part — corset cuff

About us: For more than 10 years we have been developing and producing casting resins in İstanbul. Our formulas were developed in the laboratory with professors of a Turkish university and tested for years in real workshops. Today they are trusted daily by jewelers and dental labs in 8 countries.

10+
YEARS OF EXPERIENCE

8
COUNTRIES WITH BRANCHES

3
PRODUCT FAMILIES

25–100 µm
LAYER THICKNESS

Contact us for orders and samples

Branches in 8 countries:
Türkiye · Dubai/UAE · Syria · Iran · Jordan · Afghanistan · Morocco · Egypt

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