

# Endure *Flow*

Light activated, quick curing Nano flowable Hybrid Composite with a low viscosity in syringe delivery for precise placement. It has an excellent flow, adaptability & finish in a variety of clinical situations. Endure flow is indicated in Class III & Class V restorations. Endure *flow* can be used in posterior composite restorative techniques as a base liner and to modify the margins of (Bis-Acryl) temporary crowns.

## Unmatched Benefits:

- Strength & durability
- Flows easily in difficult areas
- Matches popular shading system
- Aseptic & convenient
- Easy detection on X-rays
- Versatile application, ideal color match polishability

## Unique Features:

- Nano filler
- Low viscosity
- Shade- A1 A2 B2
- Precision controlled syringe
- Radio-opaque
- Excellent esthetics

## Physical Properties:

- Compressive Strength 225.36 MPa
- Flexural strength 95.09 MPa
- Tensile Strength: 39 MPa
- Micro-hardness: 29.22 HV
- Water absorption: 14.5 µg/mm<sup>3</sup>
- Solubility: 0.25 µg/mm



## Formulation:

Approximately 41% filled (by volume), composite based on a resin system of Bis-GMA and Tri-ethylene Glycol Di-methacrylate. Fillers particle size is ranging from Submicron to 2 microns and contains nano particles along with clusters of ytterbium tri-fluoride. Also contains 2% Sodium fluoride (by weight) & 1% catalysts, inhibitors and pigments.

# Secure *Bond*

Secure Bond is a 5<sup>th</sup> generation, Acetone base bonding system that provides excellent adhesion to both dentin and enamel. Ensures excellent penetration in Dentinal tubules. Good seal and exceptional strength are achieved with it. Offers excellent Bond strength of 24.4 MPa

