AVAILABLE COLORS:

A1, A2, A3 y B0,5 (2g syringe)

ASTER flow

DATASHEET

ASTER FLOW

Excellent mechanical properties for minimally invasive restorations

Fluid micro-hybrid composite resin, light-curable and radiopaque, with excellent viscosity and 72% inorganic filler content.

✓ Indicated for:

- Minimally invasive restorations.
- Reinforcement layer in resin coating sealants.
- Temporary restorations.
- Mock-ups (models and milling guides).
- Closure of access chimneys in implant crowns.
- Preparation of mini–Lucia's JIG for occlusal records.
- Cavity base or liner in direct restorations.
- Class III and Class V restorations.
- Building up deep cervical margins.
- Pit and fissure sealant.
- Repair of composite resins, temporary restorations, and enamel defects.
- Cementation of dental microfragments.
- Non-carious cervical lesions.

✓ Rheological properties:

Doesn't drip. Good rheological or thixotropic properties.

Image of various composite resins before polymerization positioned on a surface that was subsequently tilted at a 90° angle. From left to right, Palfique Estelite (JMorita) high flow, medium flow, and low flow, Eco Flow (Ivoclar Vivadent), and Aster Flow (Kiyomi).

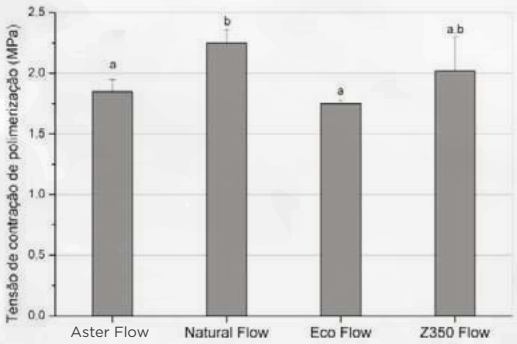
KIYOMI

ASTER flow

✓ **Excellent mechanical properties**
Aster Flow exhibits mechanical, physical, and functional properties similar to conventional composite resins, but with the advantage of excellent flowability, which facilitates its application.

✓ **High mechanical strength (compression and flexure)**

✓ **Low polymerization shrinkage**



Polymerization shrinkage stress of different fluid resins. Different letters indicate statistical difference ($p < 0.01$).

The graph shows that the stress generated during polymerisation of Aster Flow (Kiyomi), Eco Flow (Ivoclar Vivadent) and Filtek Z350 Flow (3M Espe) resins are statistically similar. Conventional composite resins exhibit shrinkage stresses in the 1.7 to 2.0 N range. Therefore, Opallis Flow behaves similarly to this resin category.

✓ **Excellent finishing, polishing, and gloss**

✓ **Radiopaque**

72%
FILLER