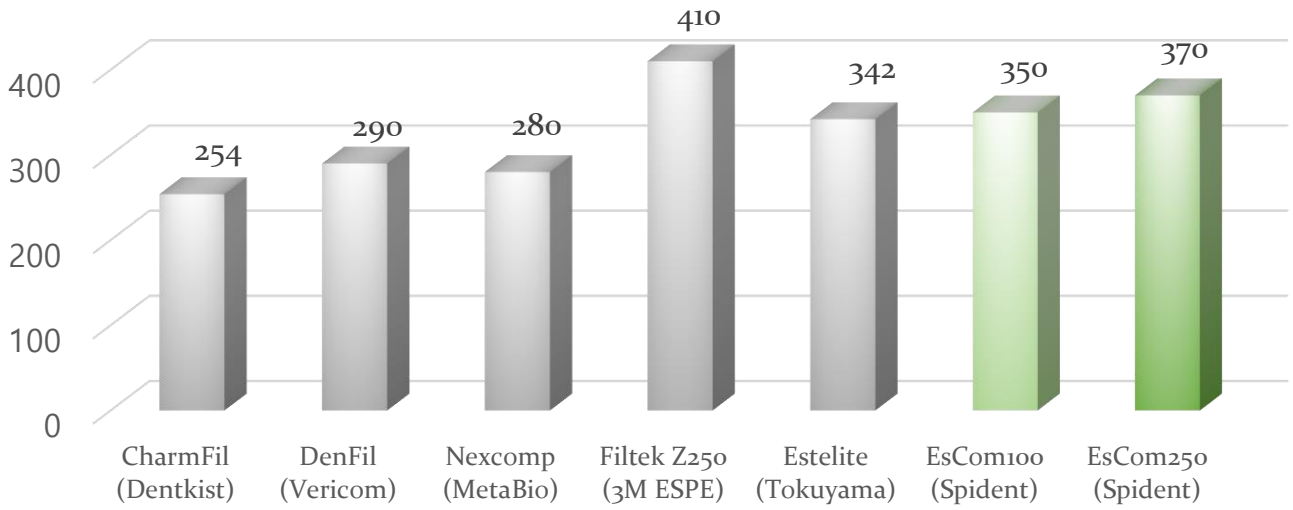
EsCom100&250

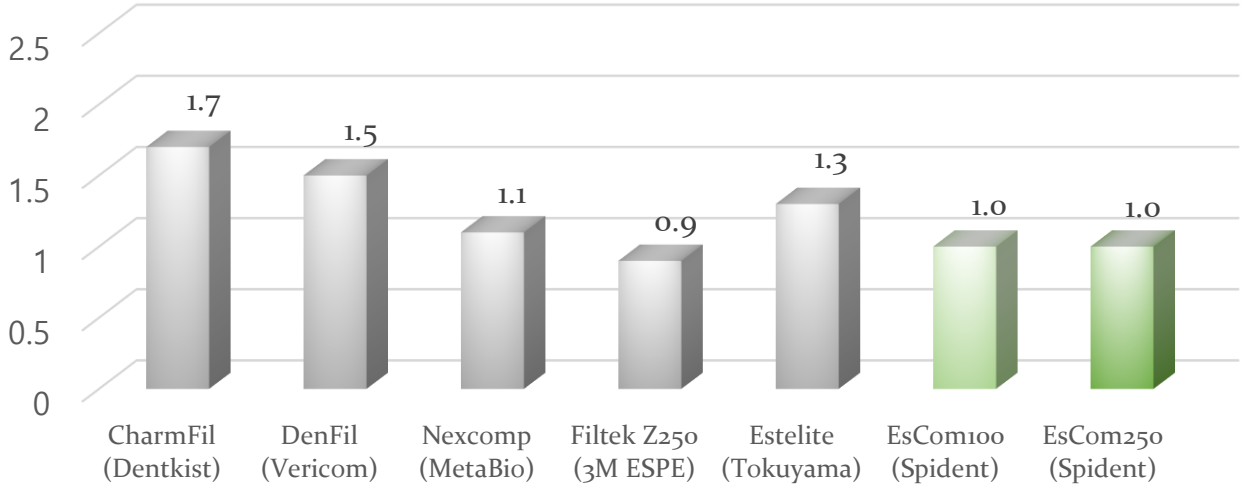
Light-cured restorative nanohybrid composite resin

Comparison with competitor's Product

Compressive strength(MPa)



20 s Light cure Shrinkage(%)



* **Source** Spident R&D center internal data.
* **International test standards** - ISO 9917-1 : 2007(E); 8.3 – Compressive strength
* **measuring instrument** Compressive strength- universal testing machine
Shrinkage - R&B Linometer RB308

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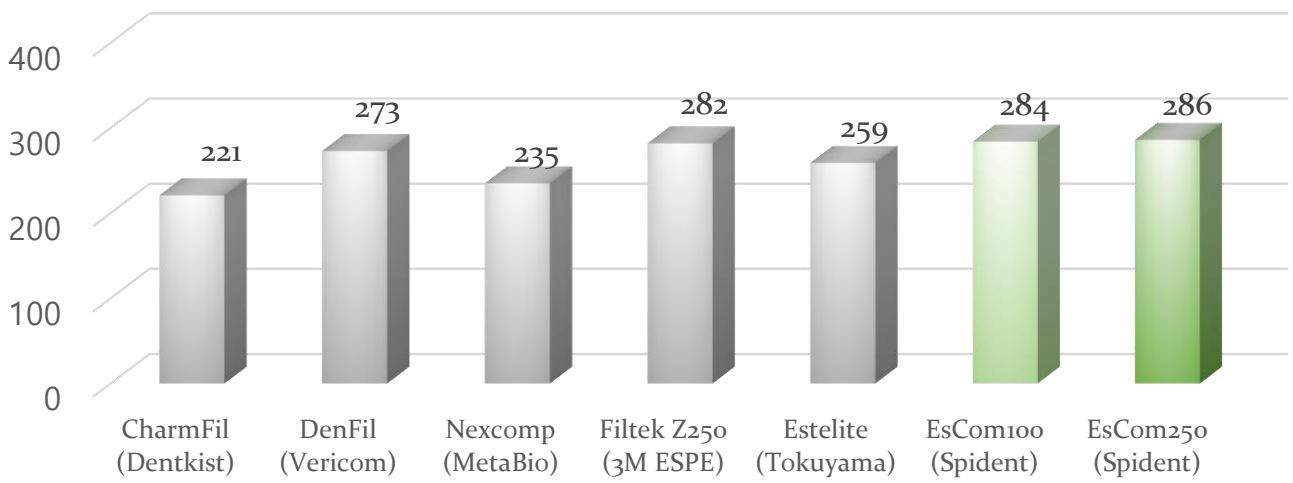
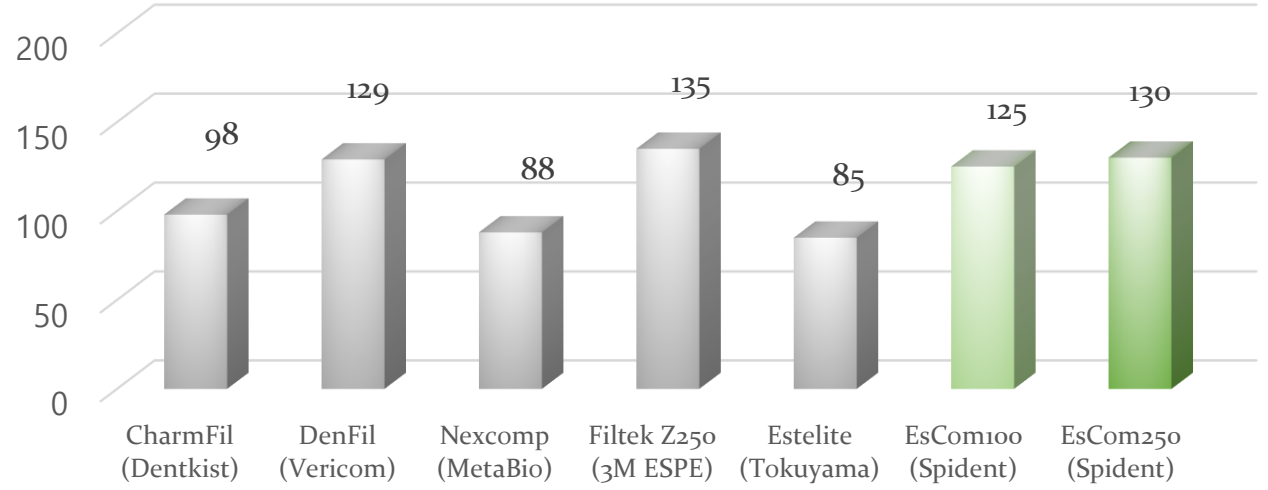
Light-cured restorative nanohybrid composite resin

Comparison with competitor's Product

Diametral Tensile Strength(MPa)



Flexural Strength(MPa)



* **Source** Spident R&D center internal data.
* **International test standards** - ISO 4049 : 2009; 7.11 Flexural Strength
* **measuring instrument** Universal testing machine

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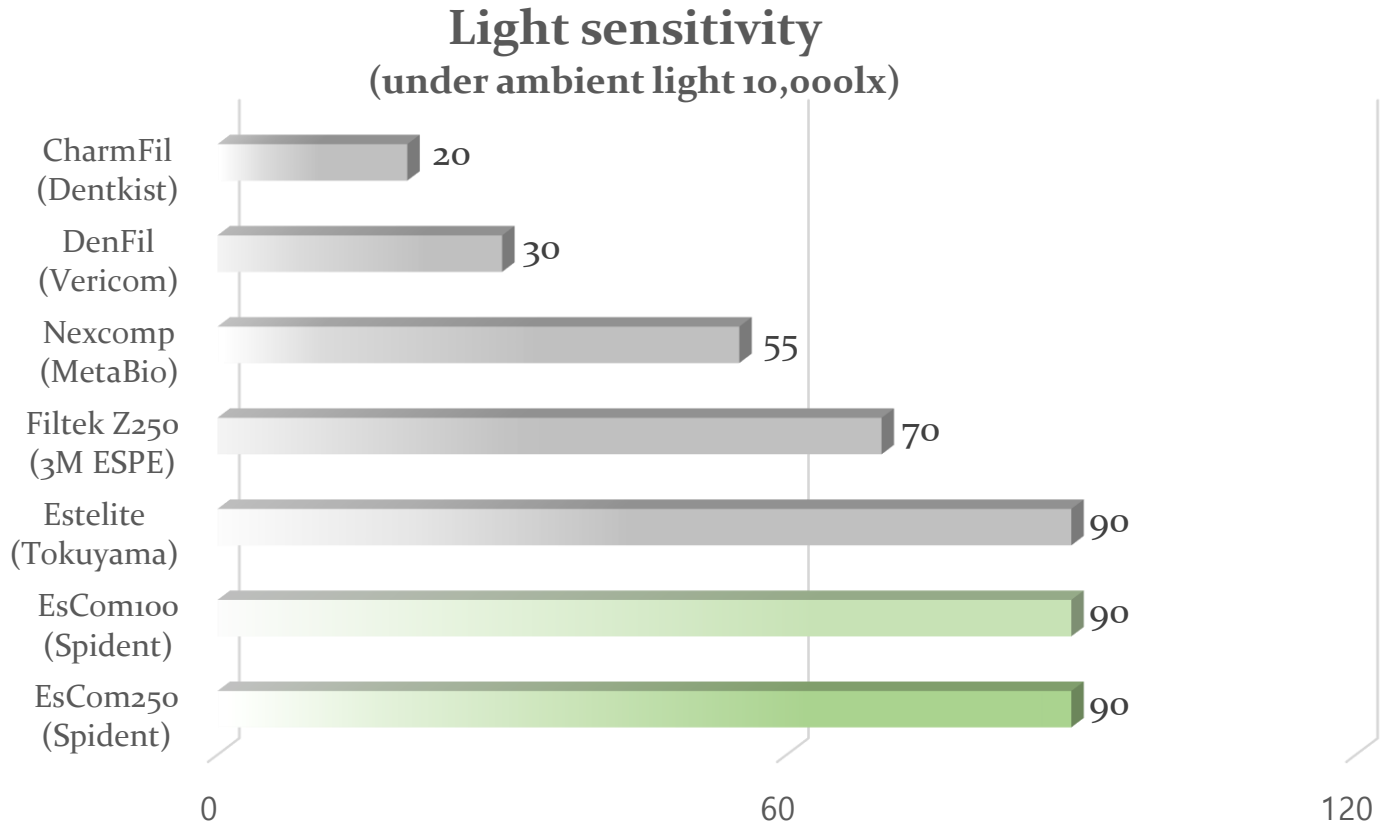
Light-cured restorative nanohybrid composite resin

Comparison with competitor's Product



* **Source** Spident R&D center internal data.
* **International test standards** - ISO 4049 : 2009; 7.9 - Light sensitivity
***measuring instrument** - Surgyview dental light Luxmeter

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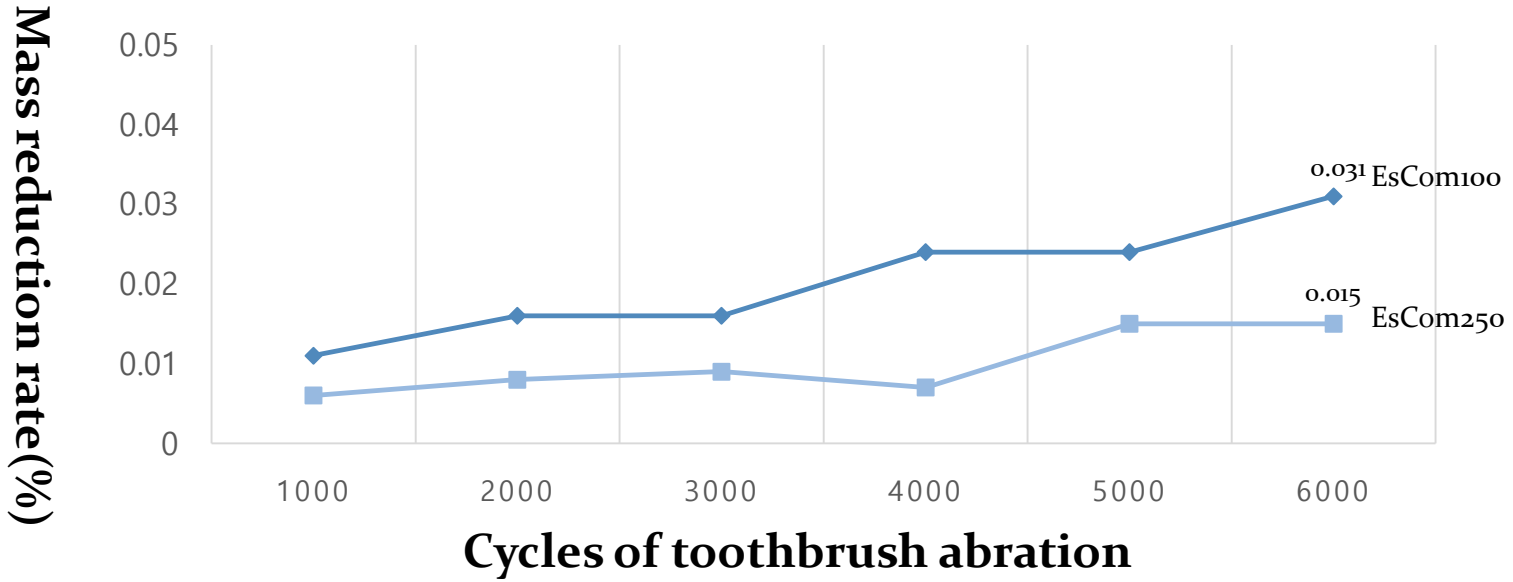
Light-cured restorative nanohybrid composite resin

Toothbrush Abrasion



* **Source** Korea Polymer Testing & Researching Institute.

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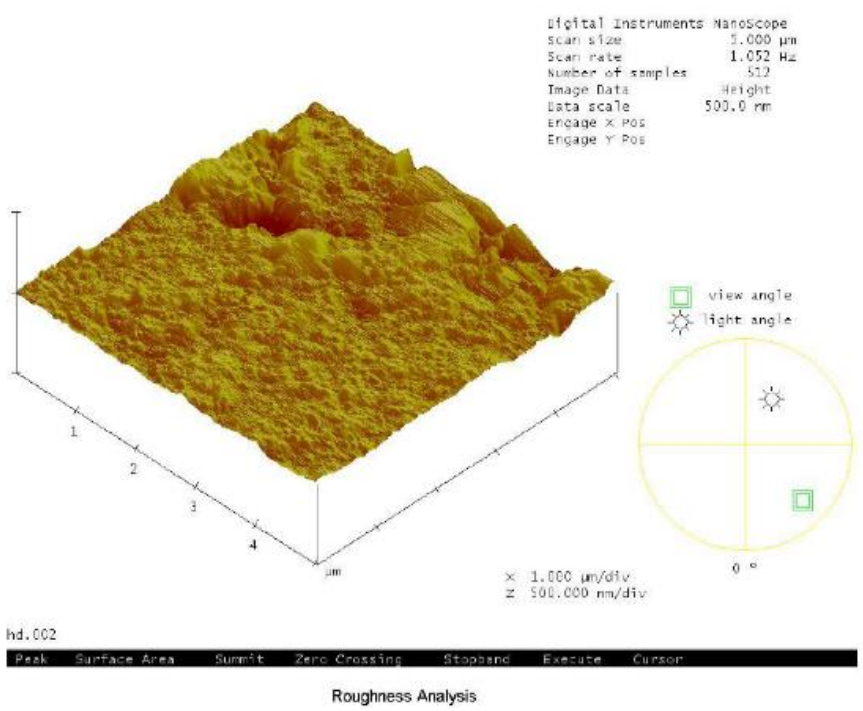
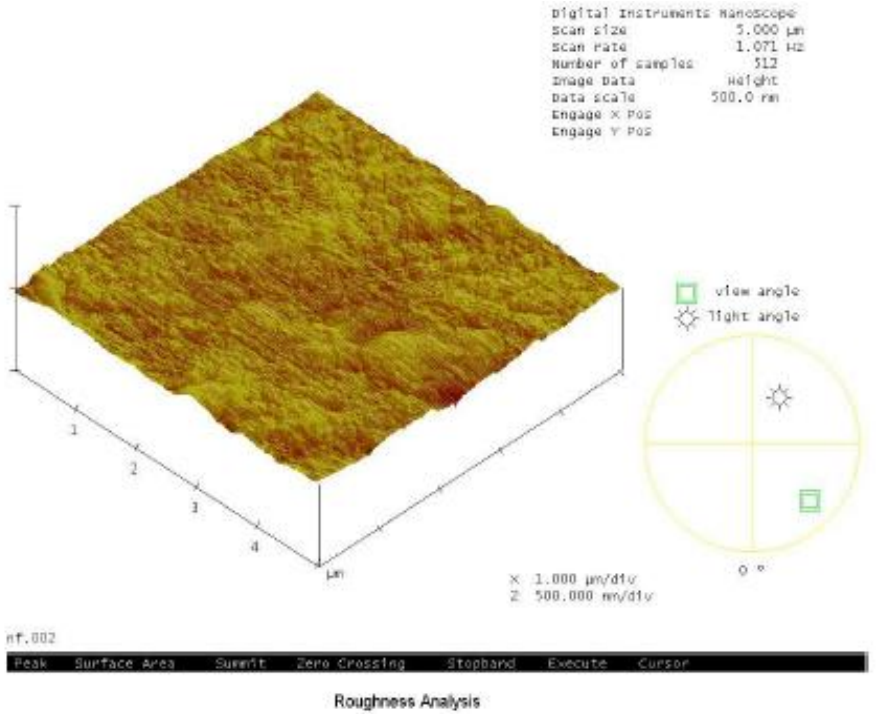
Light-cured restorative nanohybrid composite resin

★ 3D image of the surface of after 6000 cycles of toothbrush abrasion



EsCom100



EsCom250

* **Source** Korea Polymer Testing & Research Institute.

* **measuring instrument** AFM

EsCom250

Light-cured restorative nanohybrid composite resin

Shade

EsCom250 (13 Shades)

TW A1 A2 A3 A3.5 A4 B1 B2 C2 D2 AO2 AO3 G1

TW A2 AO3

Opacity of EsCom250

Gingival shade

* **Source** Spident R&D center internal data.

EsCom250

Light-cured restorative nanohybrid composite resin

Clinical Cases

Case 1. No prep diastema closure

Case 2. Anterior composite resin repair

* **Source** Spident R&D center internal data.

EsCom250

Light-cured restorative nanohybrid composite resin

Clinical Cases

Case 3. Posterior amalgam repair

* **Source** Spident R&D center internal data.