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Please read these articles before using the Compex HD heated dispenser.

The following is a list of articles that demonstrate the advantages of preheating:

1- **3M Blog:** Five Reasons Why You Should Warm Your Composite - 3M Dental Blog

2- **Degree of Conversion**: https://addent.com/wp-content/uploads/2017/04/Effect-of-temperature-on-composite-polymerizationstress-and-degree-of-conversion-.pdf

3- **Shrinkage force and Monomer Conversion**: https://addent.com/wp-content/uploads/2017/04/Pre-heating-of-high-viscosity-bulk-fill-composites_Effects-on-shrinkage-force-and-monomer-conversion-_-Taubock-Tobias-T_Tarle-Zrinka_Marovic-Danijela_Attin-Thomas.pdf

4- **Shrinkage**: https://addent.com/wp-content/uploads/2023/06/Degree-of-Conversion-and-Nano-CT-Report_Rajaram_Mehta_Meena.pdf. Submitted for publication.

5- **Voids**: https://www.sciencedirect.com/science/article/abs/pii/S1751616123002667

6- **Microleakage**: https://addent.com/wp-content/uploads/2017/04/Effect-of-Pre-heating-Resin-Composite-on-Restoration-Microleakage_Wagner-Walker.pdf

7- **Color stability**: https://pubmed.ncbi.nlm.nih.gov/21163324/

8- **Effect on the pulp**: https://addent.com/wp-content/uploads/2017/04/EffectofPre-HeatedCompositeonIn-VitroIntrapulpal.pdf

9- **Marginal adaptation**: https://addent.com/wp-content/uploads/2022/04/The-Effect-of-Preheating-and-Flowable-Composite-on-the-Marginal-Integrity-of-Class-II-Composite-Restorations.pdf

10- **Water absorption & Solubility**: https://addent.com/wp-content/uploads/2017/04/Temp-Cure-Time-_-Sorption-Solubility.pdf

11- **Bonding and adhesion**: https://addent.com/wp-content/uploads/2017/04/Effect-of-pre-cure-temperature-on-the-bonding-potential.pdf

There are over 60 research references on our website, please click here.

AdDent, Inc.
43 Miry Brook Rd, Danbury, CT 06810

Email: info@addent.com
Phone: (203) 778-0200