

TECHNICAL DATA SHEET

Product:	Alpha-Dam® Light Cure Gingival Dam	
Product Description:	Alpha-Dam® Light Cure Gingival Dam serves as a barrier for in-office whitening treatments. The material cures quickly and evenly, while maintaining low exotherms (temperature rise of less than 12°C) to ensure patient comfort.	
Indications for Use:	Alpha-Dam® Light Cure Gingival Dam is designed to serve as a barrier for in-office whitening treatments.	
Appearance:	Homogenous, clear blue gel.	
Curing Mechanism:	Light cured by applying an external energy activated Dental Blue Light with minimum output of 600mW/cm ² and wavelength of 400 to 500 nanometers.	
Shelf-Life:	30 months	
Filler Type:	None	
Main Composition (%w/w):		
	Blend of multifunctional monomers	85 – 95
	Thickener	5 – 15
	Colorant	< 1
	Photoinitiator	< 1
	Accelerator	< 1
	Inhibitor	< 1
Physical /Mechanical Properties: (Typical Values)		
	Color (Pantone® Color Guide)	315C – 308C
	Depth of Cure, mm/10sec.	7
	Consistency, mm	0.4

Regulatory Classification:

This product is in conformity with the following standard(s) or other normative documents:

- 21 CFR Part 820 – Medical Device Quality System Regulation
- 21 CFR Part 872.6300 - Rubber Dam and Accessories