

TECHNICAL DATA SHEET

Product: Alpha-Pro® Prophylaxis Paste

Product Description: A blend of polishing and cleaning agents designed for professional use during standard dental hygiene procedures. It is available in mint and cherry flavors, medium and coarse grit.

Indications for Use: Fluoride containing prophylaxis paste that gently polishes teeth and removes dental plaque and superficial staining.

Appearance: Homogeneous thick paste, free from extraneous matter, with flavor and color characteristic of the added flavoring and colorant.

Curing Mechanism: Not applicable

Shelf-Life: 30 months

Filler Type: None

Main Composition:	Components	% w/w
	Abrasives	50 – 70
	Humectant	20 – 30
	Water	6 – 12
	Sodium Fluoride	1.30
	Colorant	< 1
	Binder	< 1
	Preservative	< 1
	Sweetener	< 1
	Buffering Agent	< 1
	Flavoring	< 1
	Cleansing Agent	< 1

Physical /Mechanical Properties: (Typical Values)

Flavor	Match Standard
pH (1:1 aqueous slurry)	8.7
Specific Gravity	1.75
Fluoride Ion, %	0.57
Heavy Metals, ppm	< 20
Relative Enamel Abrasion Grade	9.10 – 9.40
Relative Dentin Abrasion Grade	513 - 584
Ave. Particle Size of Abrasives, μ	
Medium Grit	29
Coarse Grit	34