



A Brand Division of American Tooth Industries

1200 Stellar Drive • Oxnard, CA 93033-2404
(805) 487-9868 • Toll Free (800) 235-4639 • FAX: (805) 483-8482
E-mail: info@americantooth.com • Web Site: www.americantooth.com



Justi-Pakto® Physical Properties “The Ceramist’s Friend”

6 good reasons why you should choose Justi PAKTO™

- 1. Rapid Economical Process.** Curing time is only 10 minutes: One kit contains ample material to produce over 2,000 units.
- 2. LifeLike.** While beauty may be in the eye of the beholder, the universal goal in the fabrication of a dental restoration is to recreate the aesthetics and vitality of natural dentition. Many methods and materials have been tried in the field of crown and bridge through the years with varying degrees of success. Each procedure has had its shortcomings. Many knowledgeable and farseeing dental authorities have felt that the ‘answer’ would come in a completely new material which combined the aesthetics of porcelain and the working qualities of resin... a material which would overcome the fragility and critical handling of porcelain and the wear of resin. PAKTO has resulted from this search for improvement in materials... the closest step ever toward recreating the look of natural dentition.
- 3. Wear Resistant.** Tests were run on various combinations of porcelain, plastic and PAKTO. Occlusal wear testing was set up by machine under a specific load, causing one tooth surface to traverse against an opposing surface. Simulated wear took place during the course of 27,000 chewing cycles, and weight loss was determined on materials tested. In all cases, PAKTO reflected less wear opposing itself and opposing other materials than did any other crown and bridge material. Of major significance is the fact that PAKTO shows a 38.2% improvement in wear resistance over other crown and bridge materials used today.
- 4. High Impact.** Knoop is the standard measure of hardness for dental resin. Knoop hardness of PAKTO is 21, an improvement over the finest manufactured plastic teeth. Rockwell hardness is 108. It is important to note that although PAKTO is a dry cured resin, it retains its superior hardness after soaking, while ordinary crown and bridge resins revert to a softer state. PAKTO in fact grinds and finishes like porcelain and represents a 30.8% improvement over many popular products tested.



Group/Item # 070-28-001
- Justi-Pakto Kit

Optional Accessories



Group/Item # 070-28-0020
Pressure Pot - 4 quarts



Group/Item # 070-28-0033
Justi Cadco Cast Iron Range - Black

- 5. Compact.** The area of color stability and resistance to change has been of concern to many in evaluating resins to date. Photomicrographs at 100x magnification illustrate the improved density and virtual lack of porosity in PAKTO compared to other veneering materials as we know them today. The structure of present development shows a high resistance to discoloration when tested in accordance with Kapsimlis, Evans and Sterling described in “Color Stability and Resistance of Staining of Resin Veneer Materials”. Journal of Prosthetic Dentistry, Vol. 14, No. 5. In respect to staining, craze resistance, color stability and blushing test specification No. 15 of American Dental Association, the present material was found to be superior to Methyl Methacrylate.
- 6. Stability.** How stable is PAKTO? Its shrinkage factor of 8/10,000 of a mm. per mm. becomes translated into terms of everyday reference when we compare it with the know extremes of porcelain shrinkage and the clinically acceptable shrinkage of rubber base impression materials at 29/10,000 of a mm. per mm. and silicate filling materials at an average of 14/10,000 of a mm. per mm. The fact is that PAKTO is more accurate than either of these latter materials and can be built to occlusion or to critical margins without fear of distortion during processing.

Products for Better Dentistry

**Additional questions, to place your order, or for the Dealer nearest you, please call the
Tooth Express Order Desk at 800-628-1437.**