Lucitone® HIPA

High Impact Pourable Acrylic Denture Base

The Pour with More

THE DENTAL
SOLUTIONS
COMPANY™

Dentsply Sirona

Build a Lab that Keeps Your Business Profitable.

There is more pressure on labs than ever before. Expedited timelines and product constraints make it challenging to produce a quality product. For too long you've been limited to a durable heat-cure acrylic that takes time to pack and cure, or a pour acrylic that is faster to make, but doesn't have high impact strength. What labs really need is a poured denture with heat-cured strength. Look no further.

94%

of dental labs consider heat cured better quality than a poured denture[1]

80%

of the cost of a denture is labor[2]

New Lucitone® HIPA is the only high impact pour acrylic for improved durability. This self-cure denture base material is designed for use in fabrication, repair, rebasing, or relining of full and partial dentures including implant overdentures or other dental appliances.

1. 2012 Dentsply Sirona proprietary research
2. Based upon average material and labor costs

Optimal Strength for Fewer Fractures

Lucitone® HIPA is a high impact pour acrylic for improved durability. The increased durability reduces the potential for fractures in the dental lab resulting in time and cost savings due to less remakes. Additionally, increased durability reduces the risk of breakage from the patient during normal use.

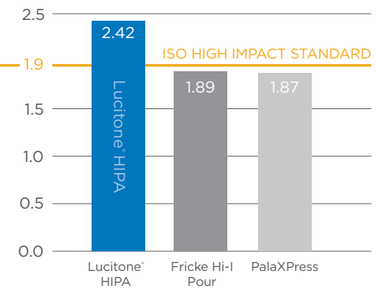
200%
Stronger than other pourable acrylics[1]

Lucitone® HIPA is the **only** pour acrylic to meet both ISO high impact standards:

1

FRACTURE TOUGHNESS[2]

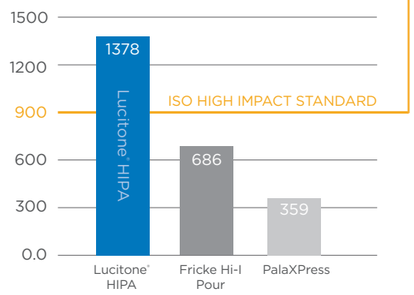
Maximum Stress Intensity Factor equal or greater than 1.9 MPa/m$^{1/2}$



2

WORK OF FRACTURE[2]

Total Fracture Work greater than 900 J/m^2



1. Compared to other pour acrylic options currently available on the market
2. ISO is an independent, non-governmental international organization with a membership of 163 national standards bodies. Through its members, it brings together experts to share knowledge and develop voluntary, consensus-based, market relevant International Standards that support innovation and provide solutions to global challenges. Figures shown represent averages determined by Dentsply Sirona testing (Lucitone® HIPA n=54, PalaXpress n=20, HI-I Pour n=20).

Work Faster

Lucitone® HIPA delivers strength, faster. Create high impact dentures using the faster processing times of a pour acrylic. Heat cure labs that adopt the faster, more efficient process of Lucitone® HIPA pourable acrylic, will realize improved labor productivity without compromise to their final product quality.

21%
Savings in hands-on working time vs. heat cure[1]

Speed adds up:

9 minutes
hands-on production savings compared to heat cure[1]

If you produce 150 full arches per month, that's an extra 22 hours saved.

$4,224
of potential labor savings

At $16/hour[2] for a denture technician, that is a labor savings of $4,224 annually. Think of the time savings as an opportunity to expand your lab's capacity and create new revenue.

1. Time savings is based upon hands-on working time. It does not compare curing times, which are much shorter with pourable acrylics. The time study was conducted by an experienced Dentsply Sirona Lab Technician. The results illustrate the potential time savings between pouring and heat curing. The experience and skill of individual technicians will impact your potential time savings. The best way to determine the time savings in your lab is to conduct similar time comparisons.
2. LMT Magazine 2016 Wage Survey, Denture Tech (all-around) with 3-5 years of experience.

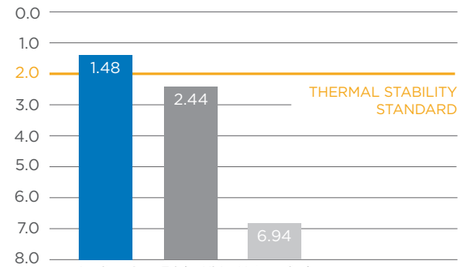
Color Stability

Excellent color stability ensures that the denture you make will maintain its color, helping to protect your lab from costly remakes. Lucitone® HIPA has better thermal color stability than Fricke HI-I Pour and Nature-Cryl Pour.

"HIPA material works better than any fluid resin products I have used. Very strong, color is spot on and finishing and polishing is very similar to Lucitone 199."
Jerry Kaizer, CDT, Murray Kaizer Dental Lab

THERMAL COLOR STABILITY[1]

(Under 2 means no discernable difference in color can be identified.)



Accurate Fit-to-Model

Lucitone® HIPA is designed to produce a product that is closer to the model enabling consistent production of well-fitting dentures.

Exceeds[2]
Fricke Hi-I Pour by
16%

Exceeds[2]
PalaXpress by
5%

"The advantages that we recognized very early are: the strength, the low shrinking and the even surface."
Markus Girardi, MDT, Girardi Zahntechnik

1. Based upon published literature, no discernable difference in color can be identified when ΔE ≤ 2 after 1 week @ 85° C. Figures shown represent averages determined by Dentsply Sirona testing (Lucitone® HIPA n=20, HI-I Pour n=22, Nature-Cryl n=20).
2. Figures shown represent averages determined by Dentsply Sirona testing (Lucitone® HIPA n=20, PalaXpress n=20, HI-I Pour n=20)

Lucitone® Intensive Color Kit

Experience Excellence with High-Pigment Colors

Lucitone® Intensive Colors provide esthetic excellence with versatile characterization options. Intensive Colors are highly pigmented acrylic powders that enable the technician to mix with self-curing acrylic powder or liquid systems, and individually characterize a denture. The Lucitone® Intensive Color Kit features 5 base colors that can be used to create a variety of shade options.

+ Mixing Tray
+ Spatula
+ Five Color Shades

+ Yellow
+ Brown
+ Red
+ White
+ Blue

Implant-Supported Prostheses

Treatment Options for Fully Edentulous Patients

A complement to Lucitone® HIPA, Dentsply Sirona's Atlantis™ Conus system is a conometric solution that uses Atlantis Conus abutments and prefabricated SynCone caps for providing removable, friction-retained, cost-effective, non-resilient dental prosthetics.

Atlantis Conus Abutments are individually designed using the proprietary Atlantis VAD (Virtual Abutment Design) software in relation to the space needed for the final prosthesis, while ensuring that all abutments are parallel, and that each of their restorative margins are as close to the soft tissue as possible. Lucitone® HIPA is ideal for implant-supported prostheses.