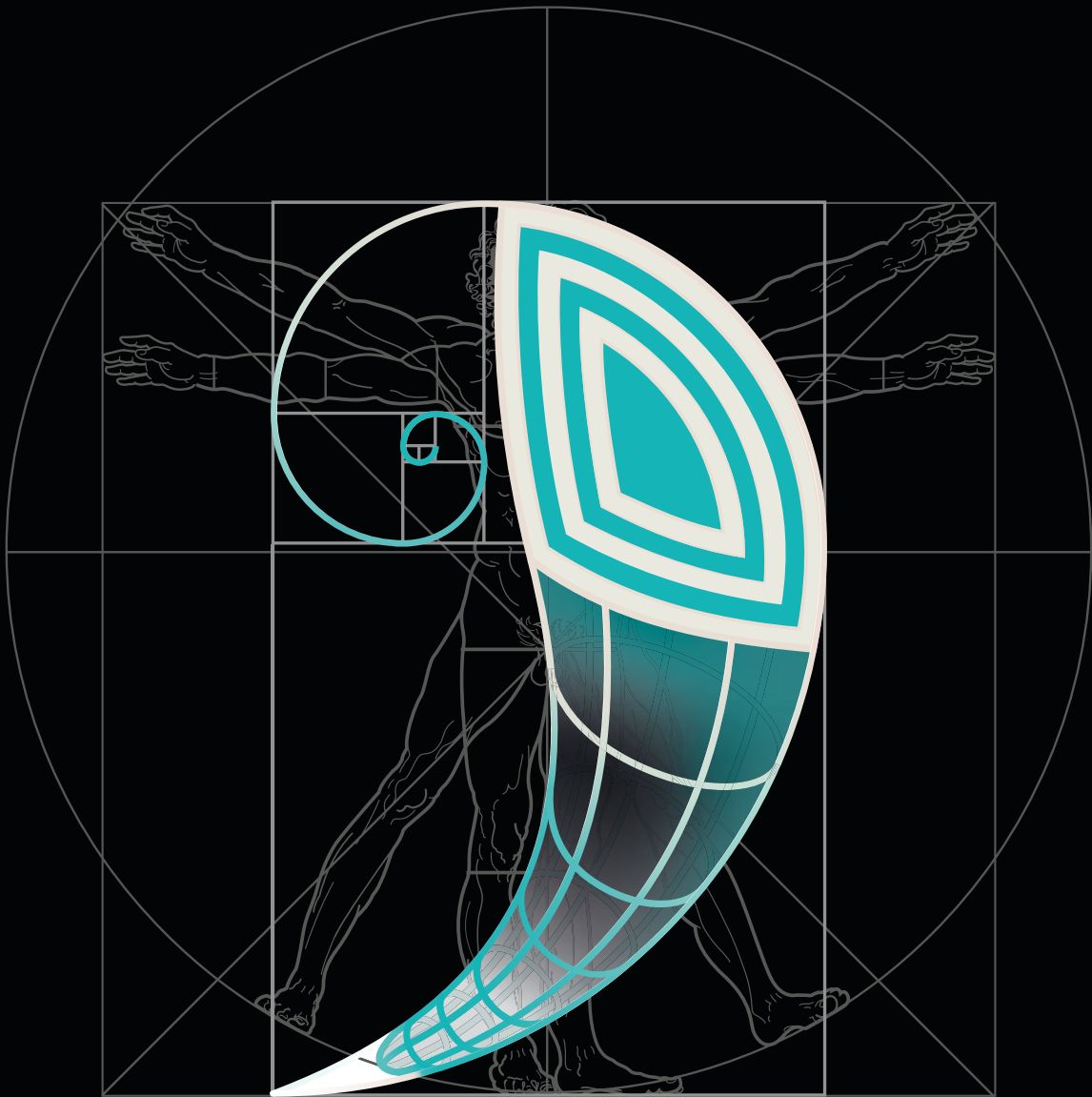


LEONARDO[®]
D E N T A L S O L U T I O N S

DENTAL CAD/CAM DISK



State-of-the-art
in dental laboratories

BROCHURE

PMMA DISK LINE

High Biocompatibility

Excellent Milling Reproducibility

Unbeatable Resistance

More than a temporary material

LEONARDO® offers a wide range of CAD/CAM disk solutions to help you boost your productivity and profitability.

Our multi and mono layer PMMA disks are ideal for any CAD-CAM process like long lasting temporary crowns and bridge. Made of cross-linked high molecular weight resin guarantee faithful reproduction of details and strength even at thin thicknesses.

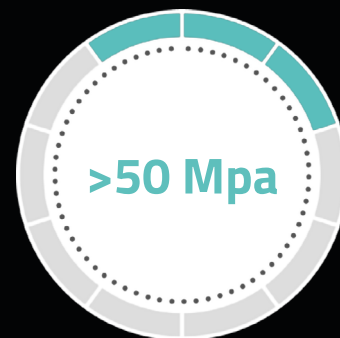
Advantages:

- High detail reproduction in milling
- No chipping even at very thin layers
- Abrasion resistance
- Fluorescence
- Fully calcinable
- No residue
- Colour stability

High Flexural Strength



VS



LEONARDO® Digital Full Denture
PMMA DISK

Conventional PMMA DISK



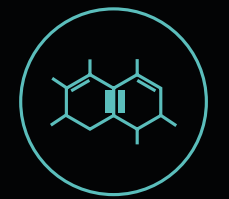
HIGHLY CROSS-LINKED PMMA MATERIAL

High wear-resistance, low moisture absorption and superior performance.



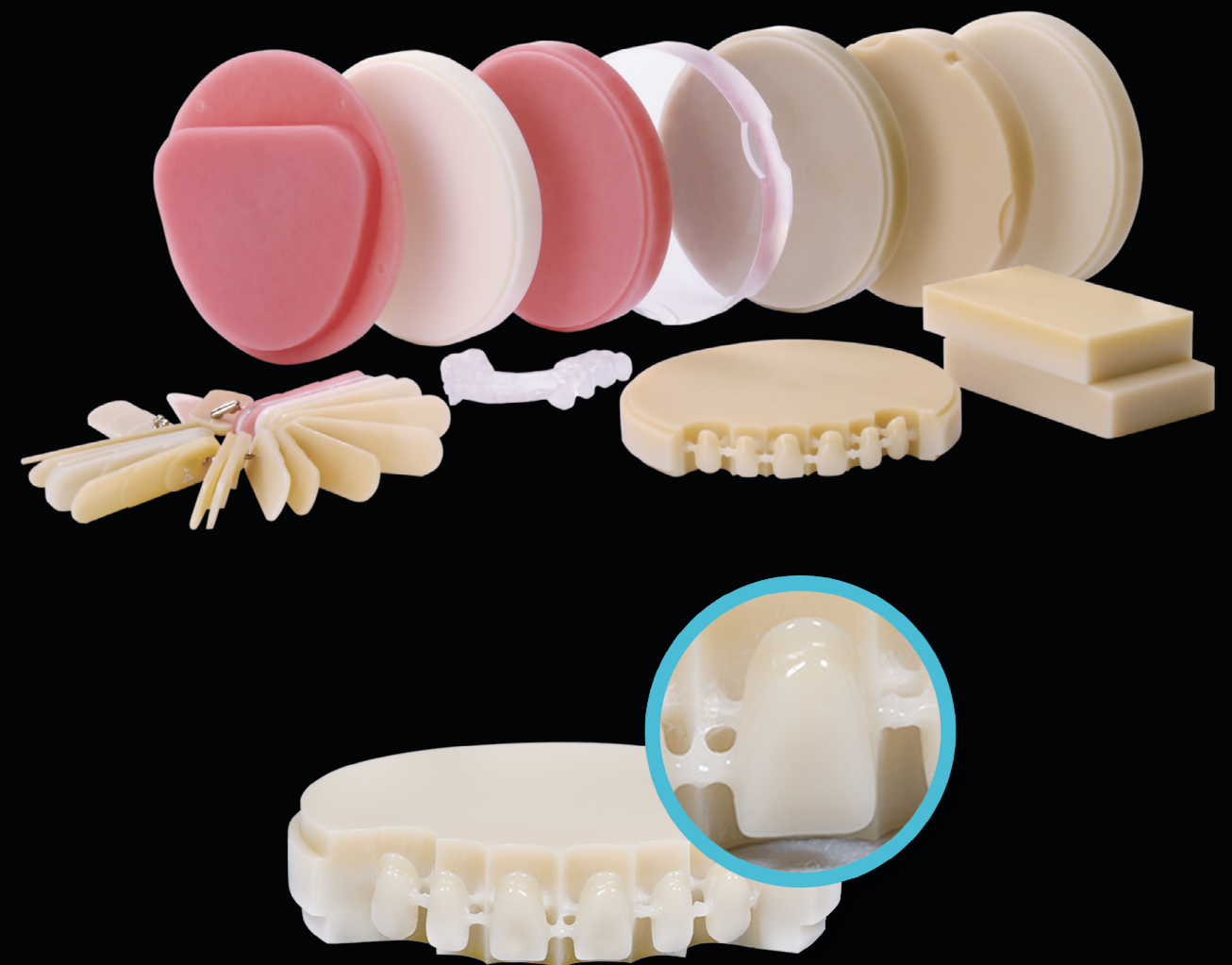
WIDE RANGE OF COLOURS

Up to 24 shades available to match any dental laboratory needs.



COMPLETE RANGE OF DIMENSIONS

LEONARDO® PMMA DISKS are ideal for any type of milling machines.



PMMA DISK LINE

High Biocompatibility

Excellent Milling Reproducibility

Unbeatable Resistance

Monolayer



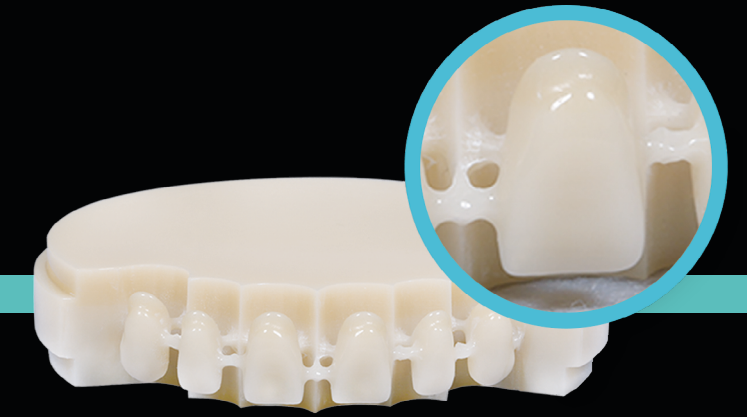
Main Features

- Purely mills and easily polishes
- Easy to operate
- Stable and efficient materials
- Excellent biocompatibility
- Ideal for long-term temporaries with a wear period up to 12 months

Technical Data

Properties	Parameter
Flexural strength	>120 Mpa
Modulus of Elasticity	>2200Mpa
Water Absorption	<20µg / mm ³
Water Solubility	<0.8µg/mm ³
Vickers Hardness	21.8 HV0.2
Thickness	10 to 30mm
Shades	16A-D, A0, B0, BL, BL1, BL2, BL3, BL4

Multilayer



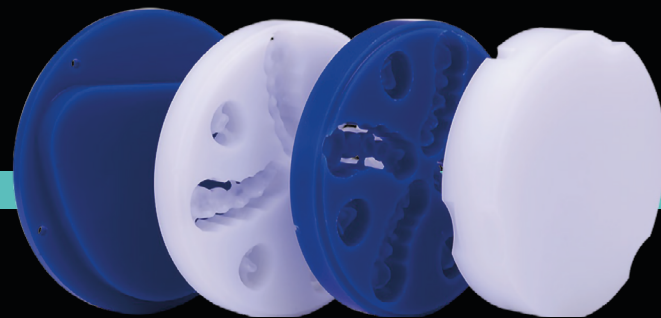
Main Features

- Seamless Gradient
- Natural look
- Easy to operate
- Stable and efficient materials
- Excellent biocompatibility
- Not only for temporary crowns and bridges but also for removable

Technical Data

Properties	Parameter
Flexural strength	>120 Mpa
Modulus of Elasticity	>2200Mpa
Water Absorption	<20µg / mm ³
Water Solubility	<0.8µg/mm ³
Vickers Hardness	21.8 HV0.2
Thickness	10 to 30mm
Shades	16A-D, 2M2, BL, BL1, BL2, BL3, BL4

Casting Wax



Applications

- Suitable for Oral Tissue
- Restoration Model

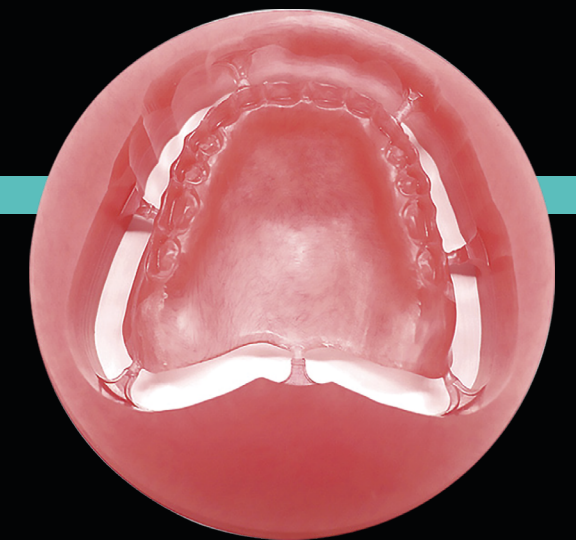
Main Features

- Natural look
- Time-saving and easy processing
- Excellent translucency

Technical Data

Properties	Parameter
Density	0.89-0.93 g/cm ³
Drop Melting Point	116 °C
Shore Hardness	<20µg / mm ³
Colours Available	Blue, White

Pink



Main Features

- Suitable for denture based milling
- Easy to operate
- Stable and low water absorption
- Excellent biocompatibility
- Ideal for long-term temporaries with a wear period up to 12 months

Shades

2S, 2ST, 3S, 3ST



PMMA DISK LINE

High
Biocompatibility

Excellent
Milling Reproducibility

Unbeatable
Resistance

Clear



Applications

- Dental guard
- Implant guide
- Male casting mold

Main Features

- Crystal clear surface with outstanding translucency
- Leaves no trace

Colours

Pink, Orange, Clear, Red

Full Denture



Main Features

- Easy processing
- High stability between Arch and Base

Shades

Denture Base: 2S 2ST 3S 3ST

Denture Arch: 16A-D, 2M2, BL, BL1, BL2, BL3, BL4

PMMA Specification Sheet

Dimension (mm)	Monolayer PMMA	Multilayer PMMA	Clear PMMA
	Ø98x10	✓	✓
	Ø98x12	✓	✓
	Ø98x14	✓	✓
	Ø98x16	✓	✓
	Ø98x18	✓	✓
	Ø98x20	✓	✓
	Ø98x22	✓	✓
	Ø98x25	✓	✓
	Ø98x30	✓	✓
	Ø95x10	✓	✓
	Ø95x12	✓	✓
	Ø95x14	✓	✓
	Ø95x16	✓	✓
	Ø95x18	✓	✓
	Ø95x20	✓	✓
	Ø95x22	✓	✓
	Ø95x25	✓	✓
	Ø95x30	✓	✓
	89x71x12	✓	✓
	89x71x14	✓	✓
	89x71x16	✓	✓
	89x71x18	✓	✓
	89x71x20	✓	✓
	89x71x22	✓	✓
	89x71x25	✓	✓
	89x71x30	✓	✓

Note:

Suitable for Open system - Z-System - AG-System

LEONARDO®

D E N T A L S O L U T I O N S

Leonardo is a leading manufacturing company with skill and passion devoted to provide advanced solutions to the dental community.

We are located in Gorle, Bergamo province, in Northern Italy.

Incorporated with global branches, LEONARDO® is organized into R&D, production, marketing & sales and customer support. Main LEONARDO® products include Acrylic teeth, Dental CAD/CAM Materials and Arch-metal free system.

With knowledgeable dental technicians and experienced engineers, our R&D team has developed and released a series of new dental solutions dedicated to the modern dental laboratories.

With all these accomplishments and our endless research and development efforts, we are proud to be your professional partner.

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