CANDULOR

RESINS MADE BY CANDULOR

CANDULOR.
We have understood prosthetics since 1936.

Denture base materials
for full dentures, partial and
hybrid dentures, as well
as implant prosthetics.

AESTHETIC RED

The hot curing denture base material shows a low polymerization shrinkage and ensures a high accuracy of fit. A broad range of shades can be used to simulate the natural perfection of the gingiva.

AESTHETIC RED

Flexural strength	≥ 83 MPa
Bending module	≥ 2600 MPa
Water absorption	≤ 21 µg/mm^3
Water solubility	≤ 1 µg/mm^3
Residual monomer	≤ 2.2 %
Sizes	Polymer (powder): 100 g, 500 g Monomer (liquid): 150 ml, 500 ml
Shades	0, 1, 3, 5, 34, 53, 55, 57

AESTHETIC BLUE

The self-curing resin consists of a selection of high-quality raw materials. They form the basis for the good physical properties of the products. The special pigmentation and the large color spectrum provide the natural pink of the artificial gingiva. Aesthetic Blue is suitable for the pouring & packing technique.

AESTHETIC BLUE

Flexural strength	≥ 68 MPa
Bending module	≥ 2550 MPa
Water absorption	≤ 21 µg/mm^3
Water solubility	≤ 3 µg/mm^3
Residual monomer	≤ 4.5 %
Sizes	Polymer (powder): 100 g, 500 g Monomer (liquid): 150 ml, 500 ml
Shades	0, 1, 3, 5, 34, 53, 55, 57

XPLEX

The high-impact polymer is suitable for cold and hot polymerization. Due to its good flow properties, it is comfortable to work with and ensures an esthetic appearance with both low plaque adhesion and low tendency to discoloration.

XPLEX

	Cold processing	Hot processing
Flexural strength	≥ 60 MPa	≥ 65 MPa
Bending module	≥ 1500 MPa	≥ 2000 MPa
Water absorption	≤ 23 µg/mm^3	≤ 26 µg/mm^3
Water solubility	≤ 2 µg/mm^3	≤ 2 µg/mm^3
Residual monomer	≤ 4.5 %	≤ 2.2 %
Sizes	Polymer (powder): 100 g, 500 g Monomer (liquid): 150 ml, 500 ml	
Shades	1, 5, 34, 53, 55, 57	

BASEPLAST

The hot-curing Baseplast polymer is characterized by simple and uncomplicated processing with a sufficiently long processing range.

BASEPLAST

Flexural strength	≥ 84 MPa
Bending module	≥ 2800 MPa
Water absorption	≤ 23 µg/mm^3
Water solubility	≤ 1 µg/mm^3
Residual monomer	≤ 2,2 %
Sizes	Polymer (powder): 500 g Monomer (liquid): 500 ml
Shades	5, 6, 34

UCAN MILL XPLEX BASE

XPLEX Base is a PMMA disk for fabricating denture bases for removable dentures using the abrasive manufacturing process. The disks are made of the proven XPLEX material, a high-impact modified PMMA with high-impact quality.

UCAN MILL XPLEX BASE

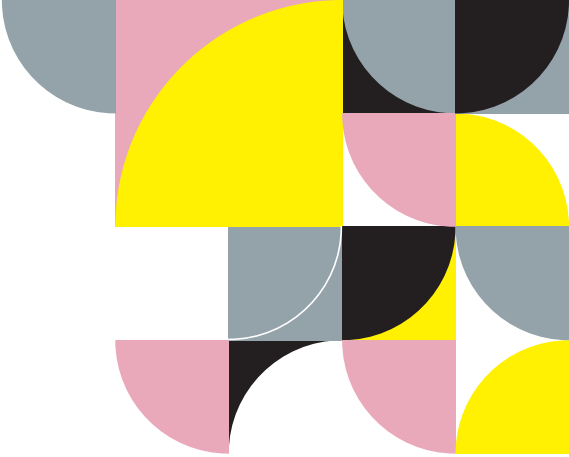
Flexural strength	≥ 65 MPa
Bending module	≥ 2000 MPa
Water absorption	≤ 20 µg/mm^3
Water solubility	≤ 1 µg/mm^3
Total breakage work	≥ 900 J/m^2
Thickness	30 mm
Diameter	98.5 mm
Shades	1, 5, 34

AUTOPLAST

This self-curing polymer is distinguished by its good flow properties. It is suitable for the pouring and flask pouring technique.

AUTOPLAST

Flexural strength	≥ 6 MPa
Bending module	≥ 2300 MPa
Water absorption	≤ 23 µg/mm^3
Water solubility	≤ 2 µg/mm^3
Residual monomer	≤ 4,5 %
Sizes	Polymer (powder): 500 g Monomer (liquid): 500 ml
Shades	5, 6, 34



744947/en/2025-09-24

CANDULOR. HIGH END ONLY.

Candulor AG
Boulevard Lilienthal 8
CH-8152 Glattpark (Opfikon)
Switzerland
info@candulor.com
www.candulor.com

Candulor Dental GmbH
Am Riederngraben 6
DE-78239 Rielasingen-Worblingen
Germany

EC REP