

Specification

Applied for	Available shade		Size	Package
 UP.PRESS	HT	A1/A2/A3/A3.5/B1/B2/C1/BL1 BL2/BL3/BL4	D13-10	10pcs/box
	LT	A1/A2/A3/A3.5/B1/B2/C1/C2 BL1/BL2/BL3/BL4	D13-10	10pcs/box
	MO	MO 1 MO 2	D13-10	10pcs/box
 UP.CAD	HT	A1/A2/A3/A3.5/B1/B2/BL1/BL2 BL3/BL4	18-15-13	5pcs/box
	LT	A1/A2/A3/A3.5/B1/B2/C1/C2/D2 BL1/BL2/BL3/BL4	18-15-13	5pcs/box
	HT	A1/A2/A3/B1	40-15-15	4pcs/box
	LT	A1/A2/A3/B1	40-15-15	4pcs/box

Certification



CE



ISO13485



FDA



Lithium disilicate
glass ceramics

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UPCERA

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UP.PRESS

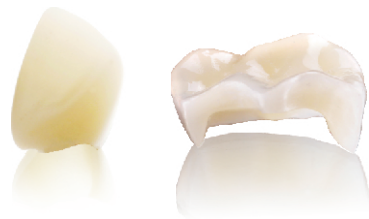
Features:

- Suitable for dental press system
- Natural tooth looking



Chemical Composition

SiO ₂	58.5 ~ 72.5%
Li ₂ O	13 ~ 15%
K ₂ O	3 ~ 5%
Others oxides	7.5% ~ 25%



Technical Parameters

Density	2.4 ~ 2.6 g/cm ³
CTE (25-500℃)	(8.5-11.0)×10 ⁻⁶ K ⁻¹
Biaxial flexural strength after sintering	400±60 Mpa
Vickers hardness	5800±400 Mpa
Chemical solubility after sintering	< 100µg/cm ²
Press Temperature	910~920℃

Biological Properties

Cytotoxicity test	Level 0
Short-term Tests for systemic toxicity(oral route)	None
Anaphylaxis test	None
Hemolysis test	< 5%
Ames Testing	Mutation negative
Oral mucosal irritation test	None

Indications

Translucency		High Translucency 	Low Translucency 	Medium Opacity 	High Opacity
Processing technique	Staining technique	●	●		
	Cut-back technique	●	●		
	Layering technique			●	●
Indications	Thin veneer	✓	✓		
	Veneer	✓	✓		
	Inlay	✓	✓		
	Onlay	✓	✓		
	Partial crown	✓	✓		
	Anterior Crown	✓	✓	✓	✓
	Posterior Crown	✓	✓	✓	✓

▲ Inlay and onlay can be made by LT block according to the patient's natural translucency of teeth

UP.CAD

Features:

- Suitable for dental CAD/CAM system & Chair-side system
- Simple & easy operation



Chemical Composition

SiO ₂	58.5%~72.5%
Li ₂ O	13%~15%
K ₂ O	3%~5%
Others oxides	7.5%~25%



Technical Parameters

Density	2.3 ~ 2.6 g/cm ³
CTE (25-500℃)	(8.5-11.0)×10 ⁻⁶ K ⁻¹
Biaxial flexural strength after sintering	400±60 Mpa
Vickers hardness	5400±400 Mpa
Chemical solubility after sintering	< 100µg/cm ²
Crystallization Temperature	840~850℃

Biological Properties

Cytotoxicity test	Level 0
Short-term Tests for systemic toxicity(oral route)	None
Anaphylaxis test	None
Hemolysis test	< 5%
Ames Testing	Mutation negative
Oral mucosal irritation test	None

Indications

Translucency		High Translucency 	Low Translucency 	Medium Opacity 	High Opacity
Processing technique	Staining technique	●	●		
	Cut-back technique	●	●		
	Layering technique			●	●
Indications	Thin veneer	✓▲	✓		
	Veneer	✓	✓		
	Inlay	✓	✓		
	Onlay	✓	✓		
	Partial crown	✓	✓		
	Anterior Crown	✓	✓	✓	✓
	Posterior Crown	✓	✓	✓	✓

▲ Veneer thickness made by milling machine should be 0.6-0.7mm, while by hand grinding should be below 0.5mm.

▲ Inlay and onlay can be made by LT block according to the patient's natural translucency of teeth