

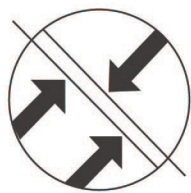
UP.CAD

Lithium Disilicate CAD/CAM Material



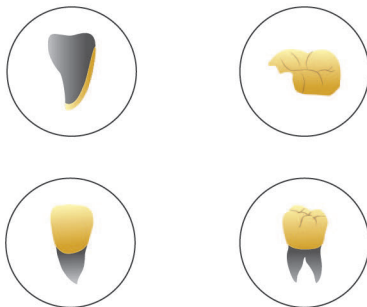
UP.CAD

- Excellent Mechanical Strength
- Brilliant Aesthetics with Super High Translucency
- Chairside Instant Restoration



**STRENGTH
400MPa**

• Indications



• Physical Characteristics

| | |
|-------------------------------------|--|
| Density | 2.4-2.7g/cm ³ |
| CTE (25-500°C) | (8.5-11) x10 ⁻⁶ K ⁻¹ |
| Vickers hardness | 5400±400MPa |
| Chemical solubility after sintering | <100µg/cm ² |
| Crystallization temperature | 840-850°C |

• Chemical Composition

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

| SHADES | A1 | A2 | A3 | A3.5 | B1 | B2 | C1 | C2 | D2 | BL1 | BL2 | BL3 | BL4 |
|-------------|----|----|----|------|----|----|----|----|----|-----|-----|-----|-----|
| HT 18-15-13 | • | • | • | • | • | • | | | | • | • | • | • |
| LT 18-15-13 | • | • | • | • | • | • | • | • | • | • | • | • | • |
| HT 32-14-14 | • | • | • | | | | | | | | | | |
| LT 32-14-14 | • | • | • | | | | | | | | | | |
| HT40-15-15 | • | • | • | | • | | | | | | | | |
| LT 40-15-15 | • | • | • | | • | | | | | | | | |

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