

Physical and Chemical Properties			Value
Coefficient of Thermal Expansion (CTE)( 25-500°C)	DENTINE	(10 <sup>-6</sup> .K <sup>-1</sup> )	9,0-9,5
Temperature of Glass Transition (TG)	DENTINE	°C	570
Softening Point (TS)	DENTINE	°C	660
Chemical Solubility	DENTINE	µg/cm <sup>2</sup>	<50
3-point Flexural Strength	DENTINE	Mpa	>90
Particule Size Distrubition	DENTINE	µm	approx. 23
Bonding Strength	DENTINE	Mpa	>50

Physical and Chemical Properties		Value
Chemical Solubility		< 100 µg/cm <sup>2</sup>
3-point Flexural Strength		>50 Mpa
Bonding Strength		>25 Mpa

Required physical and chemical properties EN ISO 6872 standard.