

COMPOSITIONS: ICE ZIRCONIA TRANSLUCENT AND ZIRCONIA PRETTAU

	ICE ZIRCONIA TRANSLUCENT		PRETTAU ZIRKON	
ZrO ₂	–	Specifications		Specifications
Y ₂ O ₃	%	4 – 6	%	4 – 6
Al ₂ O ₃	%	< 1	%	< 1
SiO ₂	%	max. 0.02	%	max. 0.02
Fe ₂ O ₃	%	max. 0.01	%	max. 0.01
Na ₂ O	%	max. 0.04	%	max. 0.04
Density (g/cm ³)	g/cm ³	~ 6,0	g/cm ³	~ 6,0
Flexural strength	MPa	1200 - 1400	MPa	1000 - 1200
Hardness (HV10)	HV10	1250	HV10	1250
Weibull-modulus	–	~ 15	–	~ 15
CTE (coefficient of thermal expansion)	10 ⁻⁶ K ⁻¹	~ 10,0	10 ⁻⁶ K ⁻¹	~ 10,0