

Rough technical data

	Composite	Refractive index	Dispersion	Hardness	Specific gravity
Diamond	C	2.42	0.044	10	3.52
Cubic Zirconia	Zr O ₂	2.16	0.06	8.5	6
Corundum	Al ₂ O ₃	1.77	0.018	9	4
Spinel	Mg Al ₂ O ₄	1.73	0.02	8	3.64
Hydrothermal Emerald	Be ₃ Al ₂ (Si O ₃) ₆	1.570 - 1.577		7.5	2.7
Nano Crystal	Si-Zr-Al-Li	1.5 - 1.7	NC	6.5 - 7	NC
Nano Sital	Y-Al-Si-O	1.6 - 1.7	0.015	7	3.2 - 3.8
Siliconite	Si	Metallic	NC	7	2.33

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