

**A**

Aceton ( )	1.36
Actinolite	1.618 - 1.641
Adulariamoonstone ( )	1.525
Adventurinefeldspar	1.532 - 1.542
Adventurinequartz	1.544 - 1.533
Agalmatoite ( )	1.55
Agate ( )	1.544 - 1.553
Air ( )	1.00029
Albitefeldspar	1.525 - 1.536
Albitemoonstone ( )	1.535
Alcogol ( )	1.329
Alexandrite ( )	1.745 - 1.759
Almandinegarnet	1.76 - 1.83
Amazonitefeldspar	1.525
Amber ( )	1.54
Amblygonite	1.611 - 1.637
Amethyst ( )	1.544 - 1.553
Amorphous Selenium ( )	2.92
Anatase	2.49 - 2.55
Andalusite	1.634 - 1.648
Andraditegarnet	1.82 - 1.89
Anhydrite	1.571 - 1.614
Apatite ( )	1.63 - 1.648
Apophyllite	1.536
Aquamarine ( )	1.577 - 1.583
Aragonite ( )	1.530 - 1.685
Assembledstone anyvalue Augelite	1.574 - 1.588
Axinite	1.675 - 1.685
Azurite ( )	1.73 - 1.838

**B**

Barite	1.636 - 1.648
Barrium Borosillicate	1.554
Barytocalcite	1.684
Benitoite	1.757 - 1.8
Beryl ( )	1.577 - 1.60
Beryllonite	1.553 - 1.562
Brazilianite	1.603 - 1.623
Brownite	1.567 - 1.576

**C**

Calcite	1.486 - 1.658
Calspar	11.66
Cancrinite	1.491 - 1.524
Carbon Disulfide	1.63
Cassiterite	1.997 - 2.093
Celestite	1.622 - 1.631
Cerussite	1.804 - 2.078

Ceylanite	1.77 - 1.80
Chalcedony	1.53 - 1.539
Chalybite	1.63 - 1.87
Chromeoxide	2.705
Chromite	2.1
Chrysoberyl	1.745
Chrysocolla	1.50
Chrysoprase	1.534
Citrine	1.55
Clinzoisite	1.724 - 1.734
Colemanite	1.586 - 1.614
Coperoxide	2.705
Coral	1.486 - 1.658
Cordierite	1.54
Corundum	1.766 - 1.774
Crocoite	2.31 - 2.66
Crystal	2.00
Cubic Zirconia	2.15 - 2.17
Cuprite	2.85

**D**

Danburite	1.633
Demantoidgarnet	1.88
Diamond ( )	2.417 - 2.419
Diopside	1.68 - 1.71
Dolomite	1.503 - 1.682
Dumortierite	1.686 - 1.723

**E**

Ekanite	1.60
Elaeolite	1.532 - 1.549
Emerald	1.576 - 1.582
Enstatite	1.663 - 1.673
Epidote	1.733 - 1.768
Euclase	1.652 - 1.672

**F**

Fibrolite	1.659 - 1.680
Flourapatite (synthetic)	1.633
Fluorite	1.434
Fused Quartz	1.46

**G**

GGG	2.02
Garnet	1.73 - 1.89
Gaylussite	1.517
Glass ( )	1.44 - 1.90
Glass Crown	1.52

Glass Flint (heaviest) .....	1.89
Glass Flint (heavy) .....	1.65
Glass Flint (light) .....	1.575
Grossulargarnet .....	1.738 - 1.745

**H**

Hambergite .....	1.559 - 1.631
Hauynite .....	1.502
Hematite .....	2.94 - 3.22
Hemimorphite .....	1.614 - 1.636
Hessonitegarnet .....	1.745
Hiddenite .....	1.655 - 1.68
Howlite .....	1.586 - 1.609
Hypersthene .....	1.67 - 1.73

**I**

Idocrase .....	1.713 - 1.72
Iolite .....	1.548
Ivory .....	1.54

**J**

Jadeite .....	1.66 - 1.68
Jadeite .....	1.665
Jasper .....	1.54
Jet .....	1.66

**K**

Kornerupine .....	1.665 - 1.682
Kunzite .....	1.655 - 1.68
Kyanite .....	1.715 - 1.732

**L**

Labradoritefeldspar .....	1.565
Lapisgem .....	1.50
Lazulite .....	1.615 - 1.645
Leucite .....	1.5085

**M**

Magnesite .....	1.515 - 1.717
Malachite .....	1.655 - 1.909
Meerschaum .....	1.53
Microclinefeldspar .....	1.525
Moldavite .....	1.50
Mossagate .....	1.54 - 1.55

**N**

Natrolite .....	1.48 - 1.493
Nephritejade .....	1.600 - 1.627

**O**

Obsidian ( ) .....	1.48 - 1.51
Oligoclasefeldspar .....	1.539 - 1.547
Olivine .....	1.67
Onyx ( ) .....	1.486 - 1.658
Opal ( ) .....	1.45
Orthoclasefeldspar .....	1.525

**P**

Painite .....	1.787 - 1.816
Pearl .....	1.52 - 1.69
Periclase .....	1.74
Peridot .....	1.65 - 1.69
Peristerite .....	1.525 - 1.536
Petalite .....	1.502 - 1.52
Phenakite .....	1.65 - 1.67
Phosgenite .....	2.117 - 2.145
Plastic .....	1.46 - 1.70
Prase .....	1.54 - 1.533
Prasiolite .....	1.54 - 1.553
Prehnite .....	1.61 - 1.64
Proustite .....	2.79 - 3.088
Purpurite .....	1.84 - 1.92
Pyrite .....	1.81
Pyrope .....	1.74

**Q**

Quartz ( ) .....	1.55
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**R**

Rhodizite .....	1.69
Rhodochrisite .....	1.60 - 1.82
Rhodolitegarnet .....	1.76
Rhodonite .....	1.73 - 1.74
Rockcrystal .....	1.544 - 1.553
Ruby ( ) .....	1.76 - 1.77
Rutile .....	2.61 - 2.90

**S**

Sanidine .....	1.522
Sapphire .....	1.76 - 1.77
Scapolite .....	1.54 - 1.56

Scheelite	1.92 - 1.934
Serpentine	1.555 - 1.571
Shell	1.53 - 1.686
Sillimanite	1.658 - 1.678
Sinhalite	1.699 - 1.707
Smaragdite	1.608 - 1.63
Smithsonite	1.621 - 1.849
Sodalite	1.483
Spessartitegarnet	1.81
Sphalerite	2.368 - 2.371
Sphene	1.885 - 2.05
Spinel	1.712 - 1.736
Spodumene	1.65 - 1.68
Staurolite	1.739 - 1.762
Steatite	1.539 - 1.589
Stichtite	1.52 - 1.55
Strontium Titanate	2.41
Sulphur	1.96 - 2.248
SynthEmeraldflux	1.561 - 1.564
SynthEmeraldhydro	1.568 - 1.573
SyntheticSpinel	1.73

**T**

Taaffeite	1.72
Tantalite	2.24 - 2.41
Tanzanite	1.691 - 1.70
Thomsonite	1.53
Tigereye	1.544 - 1.553
Topaz ( )	1.62 - 1.627
Topaz (blue) ( )	1.61
Topaz (pink,yellow) ( )	1.62
Topaz (white) ( )	1.63
Tourmaline	1.624 - 1.652
Tremolite	1.60 - 1.62
Tugtupite	1.496 - 1.50
Turquoise	1.61 - 1.65

**U**

Ulexite	1.49 - 1.52
Uvarovite	1.87

**V**

Vacuum ( )	1.0
Variscite	1.55 - 1.59
Vivianite	1.580 - 1.627

**W**

Wardite .....	1.59 - 1.599
Water ( ) .....	1.333
Willemite .....	1.69 - 1.72
Witherite .....	1.532 - 1.68
Wulfenite .....	2.300 - 2.40

**Y**

YAG .....	1.83
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**Z**

Zincite .....	2.01 - 1.03
Zirconhigh .....	1.96 - 2.01
Zirconlow .....	1.80
Zoisite .....	1.695